

**STATE OF KANSAS PUBLIC WATER SUPPLY
ANNUAL COMPLIANCE REPORT**

CALENDAR YEAR 2011



AUGUST 2012

Sam Brownback, GOVERNOR

Kansas Department of Health and Environment

Robert Mosher, M.D., Secretary

John W. Mitchell, Director, Division of Environment

Mike Tate, P.E., Director, Bureau of Water

Our Vision – Healthy Kansans living in safe and sustainable environments

TABLE OF CONTENTS

INTRODUCTION	Page 2
PUBLIC WATER SUPPLY SYSTEMS.....	Page 2
DRINKING WATER QUALITY REGULATIONS.....	Page 4
TOTAL COLIFORM RULE	Page 5
WATER CONTAMINANT RULES	Page 7
Inorganic Contaminants (IOC)	Page 7
Volatile Organic Contaminants (VOC)	Page 10
Synthetic Organic Contaminants (SOC)	Page 11
Kansas Monitoring Waivers and Use Waivers	Page 12
Lead and Copper Rule	Page 13
Radionuclides	Page 14
Disinfection Byproducts (DBPS)	Page 14
Surface Water Treatment Rule (SWTR)	Page 16
Ground Water Rule (GWR)	Page 16
ADDITIONAL PUBLIC WATER SUPPLY REQUIREMENTS	Page 17
Consumer Confidence Report Rule (CCR)	Page 17
Public Notification Rule	Page 17
Boil Water Advisories	Page 17
Operation Certification	Page 18
Government Performance Results Act (GPRA)	Page 18
KANSAS PUBLIC WATER SUPPLY ASSISTANCE PROGRAMS	Page 19
Capacity Development Program	Page 19
Kansas Public Water Supply Loan Fund (KPWSLF)	Page 19
Compliance Assistance and Enforcement	Page 20
SUMMARY	Page 20

Charts

CHART 1	Population and Percentages Community Public Water Supply Systems	Page 3
CHART 2	Community Systems by Primary Source Water	Page 3
CHART 3	Community Population Primary Source Water	Page 4
CHART 4	Monitoring Violations and Coliform MCL Violations.....	Page 6
CHART 5	Nitrate MCL Violations.....	Page 8

Tables

TABLE 1	Types of Public Water Supply Systems.....	Page 2
TABLE 2	Public Water Supply System Sources	Page 3
TABLE 3	Regulation Compliance 2007 - 2011	Page 5
TABLE 4	Regulated Inorganic Contaminants (IOC)	Page 8
TABLE 5	Regulated Volatile Contaminants (VOC)	Page 11
TABLE 6	Regulated Synthetic Organic Contaminants (SOC)	Page 12
TABLE 7	Synthetic Organic Contaminants (SOC) Use Waivers	Page 13
TABLE 8	Regulated Radionuclides	Page 14
TABLE 9	Regulated Disinfection Byproduct (DBP) Precursors	Page 15
TABLE 10	KDHE Certified Operator Classes	Page 18
TABLE 11	KDHE Certified Operators	Page 18
TABLE 12	Government Performance Results Act (GPRA)	Page 19

APPENDIXES

2011 Public Water Supply Systems	Appendix A
2011 Public Water Supply Systems Summary of Violations	Appendix B
2011 Contaminant Violations Tables and Maps	Appendix C
Kansas Department of Health and Environment Contacts.....	Appendix D

The KDHE public water supply program helps protect the health of Kansas citizens by assuring their drinking water is safe to drink. The annual compliance report is a summary of water system's compliance information and provides a measure of how well the systems are performing.

INTRODUCTION

The Kansas Department of Health and Environment (KDHE), Bureau of Water, Public Water Supply Section is responsible for regulating all public water supply systems in the state and assisting them in providing potable water to the people of Kansas. At the close of 2011, there were 888 community systems, 89 non-community public water supply systems and 44 non-transient non-community systems for a total of 1,021 public water supply systems in Kansas.

This report is a summary of Kansas public water supply system compliance with drinking water regulations for calendar year 2011. Violations of the maximum contaminant levels (MCL), treatment techniques (TT) and monitoring requirements (M/R) are included. This report has been prepared by KDHE to inform the general public of the quality of drinking water in Kansas and to comply with the federal Safe Drinking Water Act (SDWA).

Kansas Public Water Supply System Annual Compliance Reports for previous years are available at: www.kdheks.gov/pws/

All SDWA data is stored in a federal database called the Safe Drinking Water Information System (SDWIS). SDWIS contains an inventory of public water supply system (PWS) violation records and individual analytical results. A public water supply system's specific data can be reviewed at: http://iaspub.epa.gov/enviro/ef_home2.water

PUBLIC WATER SUPPLY SYSTEMS

In Kansas, a public water system is defined by Kansas Statute (K.S.A.) 65-162a(b) and Kansas Administrative Regulation (K.A.R.) 28-15a-2,a(1)(A) as a "system for delivery to the public of piped water for human consumption that has at least 10 service connections or regularly serves at least 25 individuals daily at least 60 days out of the year."

All public water supply systems are required by state law and regulation (K.S.A. 65-4516) and (K.A.R. 28-15-18(a)) to be operated and maintained by a KDHE certified operator. Properly trained operators are a critical component in assuring safe drinking water to the public.

Table 1 shows the different types of public water supply systems.

TABLE 1	
TYPES OF PUBLIC WATER SUPPLY SYSTEMS	
COMMUNITY- C	Serves year-round residential consumers e.g., towns, mobile home parks, rural water districts, subdivisions
NON-TRANSIENT NON-COMMUNITY - NTNC	Serves same non-residential consumers on a regular basis e.g., schools, day care facilities, industrial or manufacturing facilities
TRANSIENT NON-COMMUNITY - NC	Serves different non-residential consumers on a daily basis e.g., motels, restaurants, parks, airports and campground



Table 2 shows the number of public water supply systems by type, water source and population served. Systems that use both surface water and ground water are governed by surface water regulations.

TABLE 2 PUBLIC WATER SUPPLY SYSTEM SOURCES								
TYPE	SW	SWP	GW	GWP	GUI	GUIP	TOTAL	POPULATION
Community	74	281	442	79	5	7	888	2,678,276
Non-Transient Non-Community	0	1	42	1	0	0	44	4,242
Non-Community	1	3	82	2	1	0	89	21,315
TOTAL	75	285	566	82	6	7	1021	2,703,833

Table 2 Definitions	
SW	SURFACE WATER
SWP	SURFACE WATER PURCHASED
GW	GROUND WATER
GWP	GROUND WATER PURCHASED
GUI	GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER
GUIP	GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER PURCHASED



CHART 1

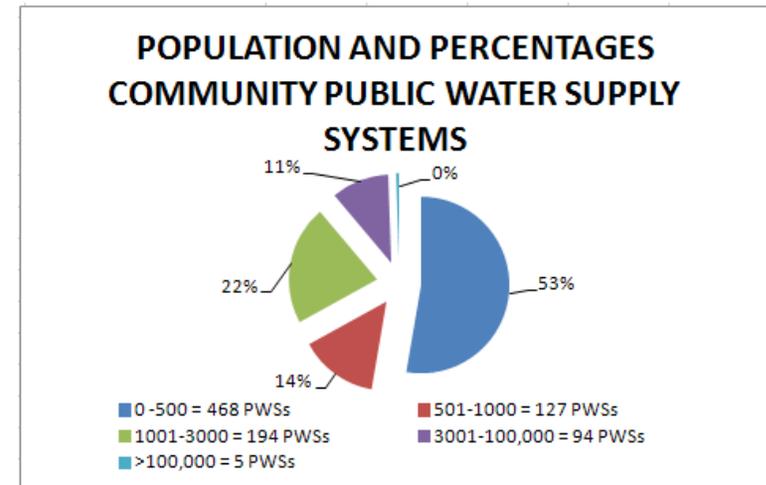


CHART 2

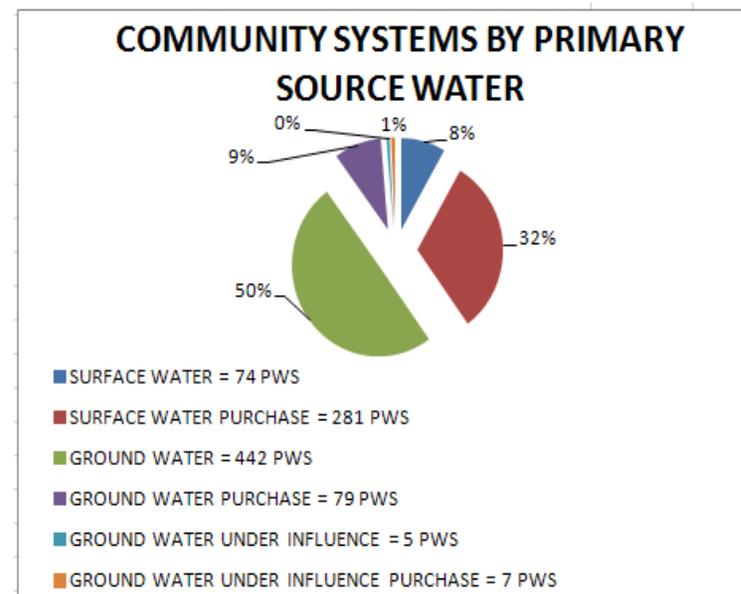
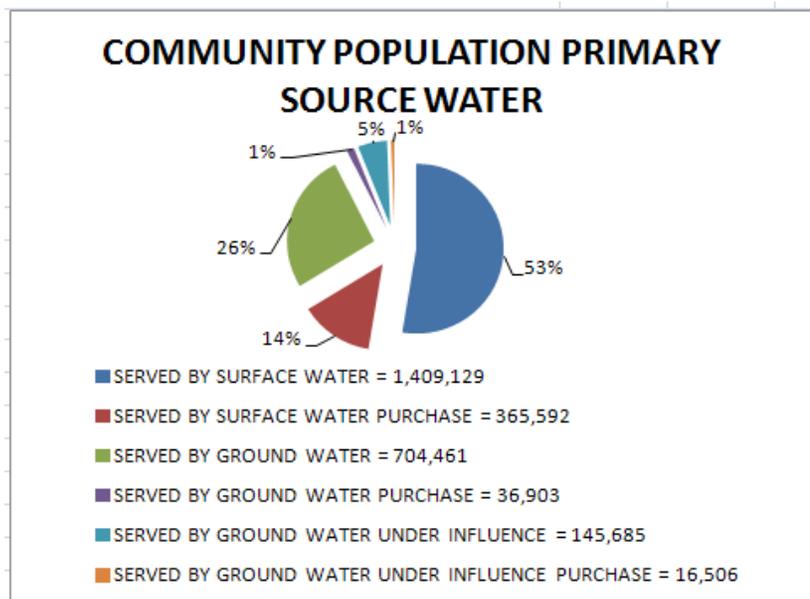


CHART 3



with the maximum contaminant levels (MCL) and treatment techniques. These requirements ensure all water systems provide safe drinking water to their consumers.

Current regulations administered by KDHE address the following drinking water contaminants and treatment processes:

- TOTAL COLIFORM RULE (TCR)
- NITRATE
- INORGANIC CONSTITUENTS (IOCs)
- VOLATILE ORGANIC CONSTITUENTS (VOCs)
- SYNTHETIC ORGANIC CONTAMINANTS (SOCs)
- LEAD AND COPPER RULE
- RADIONUCLIDES
- DISINFECTION BYPRODUCTS RULE (DBPR)
- SURFACE WATER TREATMENT RULE (SWTR)
- GROUND WATER RULE (GWR)
- CONSUMER CONFIDENCE REPORT RULE (CCR)
- PUBLIC NOTICE RULE (PN)

DRINKING WATER QUALITY REGULATIONS

KDHE administers several drinking water rules to help ensure safe drinking water across the state. These rules direct water quality to be monitored for many different contaminants, ranging from microbiological organisms to inorganic and organic contaminants and radionuclides, in water intended for human consumption

Kansas regulations establish maximum permissible levels for certain drinking water contaminants, known as maximum contaminant levels (MCLs). For some contaminants, regulations require application of minimum water treatment techniques (TT).

Regulations require public water supply systems to regularly monitor and report water quality parameters to KDHE to verify compliance



Table 3 presents the compliance levels of the various public water supply system program areas over the last five years.

TABLE 3 REGULATION COMPLIANCE 2007 - 2011					
REGULATION	2007 %	2008 %	2009 %	2010 %	2011 %
Total Coliform Rule					
*Acute/Non-Acute MCL	95	99	96	95	99
Monitoring & Reporting	97	95	97	93	95
Nitrate	98	98	98	98	97
Inorganic Contaminants (IOCs)	99	99	97	99	99
Volatile Organic Contaminants (VOCs)	99	100	99	100	99
Synthetic Organic Contaminants (SOC's)	100	100	100	100	99
Disinfection Byproducts					
Total Trihalomethanes	92	98	98	99	99
Total Haloacetic Acids	91	98	98	99	99
Total Organic Carbon	48	98	99	99	99
Lead & Copper Rule					
Monitoring	90	99	97	98	99
Treatment Technique	99	99	100	100	100
Surface Water Treatment Rule					
Monitoring	97	99	100	100	99
Treatment Technique	97	99	93	87	99
Radionuclides Rule					
Gross Alpha	100	99	100	100	99
Combined Radium	100	99	99	99	99
Combined Uranium	98	99	99	99	99
Ground Water Rule					
Monitoring	N/A	N/A	N/A	99	99
Treatment Technique	N/A	N/A	N/A	99	99
Consumer Confidence Report Rule	98	98	98	100	99

TOTAL COLIFORM RULE

Coliform bacteria are common in the environment and are generally not harmful to human health, but their presence in drinking water indicates other potentially harmful bacteria might be present. All systems are required by K.A.R. 28-15a-21 to submit monthly water samples for coliform bacteria testing. Systems may choose to have this bacteriological testing performed by KDHE's microbiology laboratory or a state certified private laboratory. If total coliform bacteria are detected, further testing for the presence of fecal coliform or E. coli is required.

Monitoring Violations:

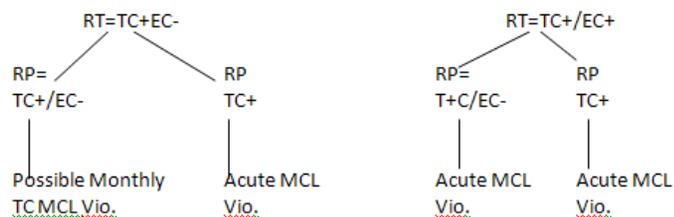
Public water supply systems that fail to collect one or more of the required samples within a monthly compliance period are assessed a *routine monitoring violation*. When a water sample tests positive for coliform bacteria, water systems are required to collect three repeat samples (also called check samples). If a water system fails to collect one or more of these repeat samples, the system is then assessed a *repeat monitoring violation*.

If a system fails to collect any samples during the required monitoring period, a *major* monitoring violation has occurred. If a system collects some but not all samples during the required monitoring period, a *minor* monitoring violation has occurred.

Acute MCL Violations:

When coliform bacteria are present in any sample, that sample must also be analyzed for fecal coliform or E. coli.

Acute or monthly MCL violation determination:



When a Routine sample (RT) is TC+/EC- and followed by a TC+/EC- Repeat (RP) sample, the violation is a total coliform monthly maximum contaminant level (MCL) violation (not acute). When a RT sample is TC+/EC- and followed by a TC+/EC+ RP sample, the violation is an acute MCL violation and may or may not also be a total coliform monthly MCL violation depending upon the total number of compliance samples collected and the percent of samples which tested positive for the specific public water supply system for the month.

When a RT sample is TC+/EC+ and followed by either of a TC+/EC- or TC+/EC+ RP sample, the violation is an acute MCL violation and may or may not also be a total coliform monthly MCL violation depending upon the total number of compliance samples collected and the percent of samples which tested positive for the specific public water supply system for the month.

Each acute maximum contaminant (MCL) violation is also potentially a monthly TC MCL violation. Two or more total coliform positive routine samples in the same month equate to a total coliform monthly MCL violation for the public water supply system which collects fewer than 40 routine samples a month. Systems which collect 40 or more samples a month cannot have more than 5 percent of their number of monthly samples test positive for total coliform bacteria.

Two total coliform positive and/or E-coli positive routine samples followed by negative repeats will NOT be an acute MCL violation.

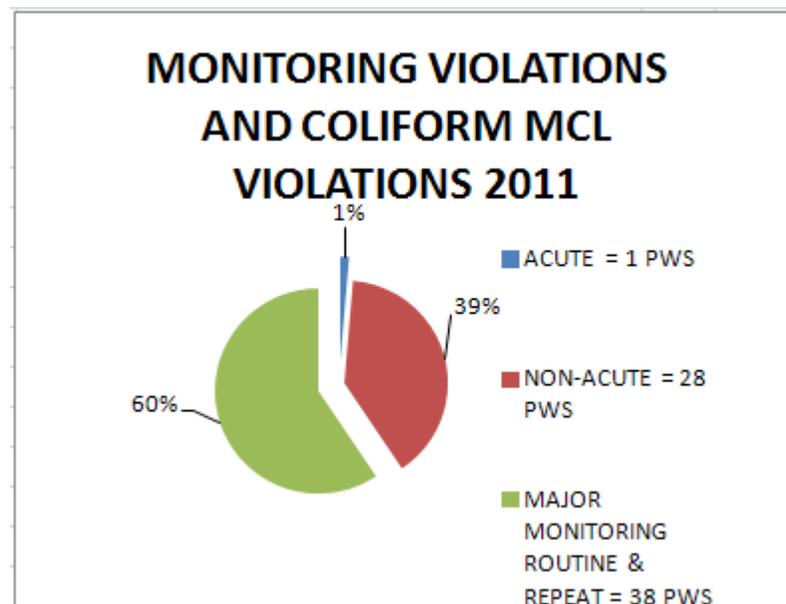
Non-Acute MCL Violations:

If more than one sample per month, or more than 5 percent of samples for systems collecting over 40 samples a month, contain coliform bacteria in the same monthly monitoring period, the public water supply system is assessed a non-acute, or total coliform violation .

Systems that incurred monitoring or MCL violations are listed in *Appendix C*.

A summary of TCR monitoring and MCL violations during 2011 is presented in Chart.4.

CHART 4



WATER CONTAMINANT RULES

The water contaminant rules establish maximum contaminant levels (MCL) and treatment techniques (TT) for various contaminants affecting drinking water; such as solvents, pesticides and heavy metals.

The rules apply to community public water supply systems and non-transient non-community public water supply systems. Non-community and other systems that purchase all their water from other systems are not required to monitor for these contaminants.

Public water supply systems required to monitor these contaminants collect samples by following a standardized nine year monitoring cycle consisting of three, 3 year compliance periods. Water systems are required to perform specific monitoring based on the population served and whether they use surface or ground water sources.

Public water supply systems using surface water are required to monitor more frequently than those using ground water because surface water is more susceptible to contamination. Water systems with a population greater than 3,300 are also required to monitor more frequently than small systems with a population of 3,300 or less.

With the exception of asbestos, this regulation requires all water samples to be collected at the point of entry (POE). The point of entry is defined as a point after raw water has been treated (disinfected) and before it enters the distribution system.

INORGANIC CONTAMINANTS (IOC)

Kansas regulations (K.A.R. 28-15a-23) set maximum contaminant levels (MCLs) for nine metals and two non-metal contaminants. Most of these inorganic contaminants (IOCs) occur naturally in the environment and are soluble in water. Some IOCs originate from natural mineral deposits. Industrial activities such as metal finishing, textile manufacturing, mining operations, electroplating and

manufacturing of fertilizers, paints and glass can also generate many of these contaminants.

Inorganic contaminants can be removed from drinking water using various available technologies such as coagulation/filtration, lime softening, reverse osmosis, ion exchange, and activated alumina.

All community and non-transient non-community public water supply systems are required to monitor each point of entry for IOCs. Systems using ground water as their sole source must monitor at least once during every three year compliance period. Systems using surface water as a source must monitor for IOCs at least annually. Systems exclusively purchasing treated water are exempt from this monitoring.

Public water supply systems incurring a MCL violation are required to increase their monitoring to at least quarterly. Systems having a MCL or monitoring violation are required to notify their consumers of such violations by issuing a public notice.



Table 4 lists the inorganic contaminants (IOCs) regulated by KDHE.

TABLE 4 REGULATED INORGANIC CONTAMINANTS (IOC)			
ANALYTE	MCL	UNIT	TYPICAL SOURCE
Antimony	0.006	mg/l	Discharge from petroleum refineries
Arsenic	0.05	mg/l	Erosion of natural deposits
Asbestos	7	MFL	Decay of asbestos cement in water mains
Barium	2	mg/l	Discharge of drilling wastes, erosion
Beryllium	0.004	mg/l	Erosion of natural deposits, discharge from refineries
Cadmium	0.005	mg/l	Erosion of natural deposits, pipe corrosion
Chromium	0.1	mg/l	Erosion of natural deposits, steel mills
Cyanide	0.2	mg/l	Discharge from steel/metal refineries
Fluoride	4	mg/l	Erosion of natural deposits, water additive
Mercury	0.002	mg/l	Erosion of natural deposits, factory discharge
Nitrate	10	mg/l	Erosion of natural deposits, runoff from nutrient enhancement
Nitrite	1	mg/l	Erosion of natural deposits, runoff from nutrient enhancement
Selenium	0.05	mg/l	Erosion from natural deposits, discharge from refineries
Thallium	0.002	mg/l	Leaching from ore-processing sites

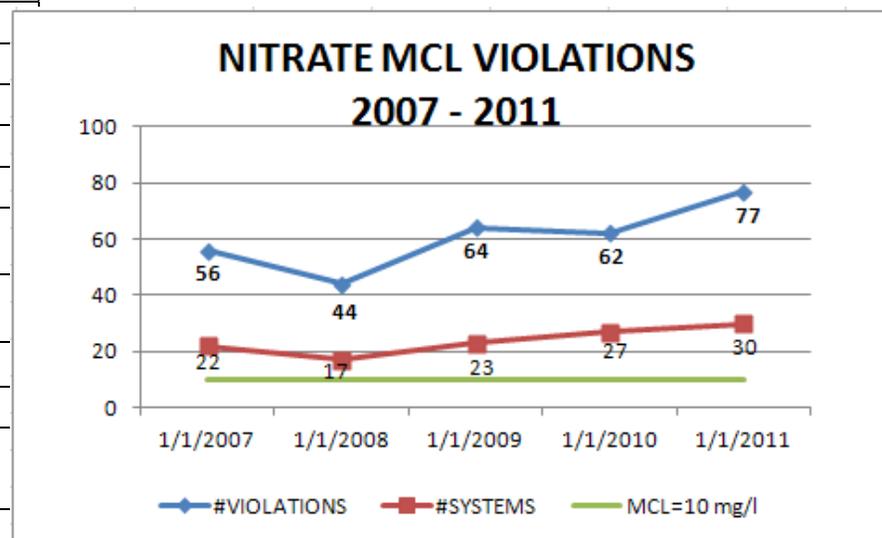
MCL = Maximum Contaminant Level

other inorganic constituents and all public water supply systems are required to monitor for nitrate at least annually.

Compliance for nitrate is determined by a single sample not a running annual average. If a public water supply system's routine compliance monitoring nitrate result is equal to or greater than the MCL of 10 mg/l, the nitrate monitoring frequency is increased to quarterly.

Systems that incurred a nitrate monitoring or MCL violation are listed in Appendix C.

CHART 5



Inorganic Contaminants Common in Kansas Water

Nitrate/Nitrite

Many drinking water contaminants, such as nitrate and nitrite are found naturally in the environment. Adding nutrients to agricultural and urban land and polluted runoff can be a significant source of nitrate contamination of ground water. Nitrate is addressed separately from

Calcium, Magnesium, and Total Hardness

Calcium and magnesium are the principle minerals which contribute to the total hardness of water. Total hardness is defined as the sum of the calcium and magnesium concentrations. The median concentration of calcium in Kansas community public water supply systems was estimated to be 66 milligrams per liter (mg/l), and the

mathematical average was 77 mg/l. The median concentration of magnesium in Kansas community public water supply systems was estimated to be 17 milligrams per liter (mg/l), and the mathematical average was 21 mg/l. These values relate to a median concentration of approximately 240 mg/l for total hardness. A total hardness of 400 mg/l is considered excessive for Kansas.

Corrosivity, Alkalinity and pH

Alkalinity is the measure of water to neutralize acids, while the pH indicates the intensity of the acidic or basic character of the solution. The relationship between pH, calcium and alkalinity determines whether water is corrosive and whether it will deposit calcium carbonate on pipes and plumbing fixtures. Corrosivity is measured by Langlier's Index (LI), a mathematically determined number based on constituent parameters which affect the corrosion potential of the water. The more negative the number, the more corrosive the water is. KDHE interprets water as being highly corrosive if the LI is less than -2.0, moderately corrosive if the LI is between -2.0 and 0, and noncorrosive if the LI is greater than 0.

Sodium

The maximum recommended limit of sodium in drinking water is 100 mg/l. High concentrations of sodium in water are a concern particularly for those who have been advised by a physician to limit sodium intake. The median concentration of sodium in Kansas public water supply systems was 33 milligrams per liter (mg/l), and the mathematical average was 46 mg/l.

Potassium

The concentration of potassium normally found in drinking water has no physiological or aesthetic effects on drinking water consumers. The median concentration of potassium found during 2011 was 4 mg/l and the mathematical average was 4.5 mg/l.

Chloride

Some people can detect a salty taste in drinking water when chloride exceeds 250 mg/l. Chloride has no physiological effects on an

individual. A secondary maximum contaminant level has a recommended chloride limit of 250 mg/l. The median concentration of chloride found during 2011 was 32 mg/l and the mathematical average was 47 mg/l.

Iron and Manganese

High concentrations of iron and manganese tend to stain plumbing fixtures and laundered items. It can also affect the taste of the water and can cause a deposit on pipes within the distribution system. The median concentration for iron was 0.08 mg/l and the mathematical average was 0.37 mg/l. The median concentration for manganese was 5.9 mg/l and the mathematical average was 5.8 µg/l.

Phosphorus

In raw surface water phosphate may cause water treatment problems associated with aquatic plants and with coagulation. Generally a total phosphate level over 5 mg/l indicates organic contamination. The median concentration for phosphorus was 0.06 mg/l and the mathematical average was 0.22 mg/l.

Sulfate

Sulfate does have a direct health basis for exceeding the recommended maximum limit of 250 mg/l in drinking water. Persons not accustomed to high sulfate in drinking water generally experience an unwanted laxative effect upon first consuming water with greater than 250 mg/l. The median concentration of Sulfate was 60 mg/l and the mathematical average was 127 mg/l.

Turbidity

Turbidity is also known as "cloudiness" in water. It is measure by how much the suspended material in a sample of water causes a beam of light to scatter. Turbidity limits for surface water are 95 percent of finished water must be less than or equal to 0.3 NTU, and that no finished water turbidity readings exceed 1 NTU. No turbidity limits are established for groundwater. The median concentration for turbidity in all sources was 0 NTU and the mathematical average was 0.24 NTU.

Specific Conductance

Specific conductance is a numerical expression of the ability of water to conduct an electric current. Because the number, which is expressed as micromhos per centime (uMho/cm), depends on the concentration of the dissolved minerals, conductance indicates the degree of mineralization in water. A conductance greater than 1500 is considered excessive. The median value for 2011 was 620 (uMho/cm) and the mathematical average was 718 uMho/cm.

Total Dissolved Solids (TDS)

Total dissolved solids is a measure of the dissolved material in water. The median value for total dissolved solids was 390 mg/l and the mathematical average was 468 mg/l.

Silica

Excessive amounts of silica can cause crusting deposits on well screens, pipes, and water heaters. Concentrations above 50 mg/l may cause the water to appear cloudy. The median concentration for silica was 24 mg/l and the mathematical average was 24 mg/l.

Heavy Metals

Lead is perhaps the most typical metal contaminant. The source of lead is primarily found in household or building plumbing, specifically lead resulting from solder joints. The median concentration for lead in 2011 was 2 mg/l and the mathematical average was 4 mg/l.

Selenium

Some people who drink water containing selenium in excess of the maximum contaminant level over many years could experience hair or fingernail loss, numbness in fingers or toes, or problems with circulation. The median concentration for selenium was 5 mg/l and the mathematical average was 7µg/l.

VOLATILE ORGANIC CONTAMINANTS (VOC)

Kansas regulation K.A.R. 28-15a-24 sets maximum contaminant levels (MCLs) and monitoring requirements for volatile organic

contaminants (VOCs) in drinking water. Public water supply systems are required to sample each point of entry at least once during each three year compliance period. If any of the regulated VOCs are detected during routine compliance monitoring additional monitoring is required which can include annual or quarterly water sampling.

Compliance with the MCL for any VOC is determined by a running annual average. If a water system is required to monitor a VOC quarterly, then a MCL violation is incurred if the VOCs running annual average are greater than its MCL.

VOC's are commonly referred to as organic solvents. These contaminants are components of many degreasers, industrial cleaners, spot/stain removers, and paint thinners. VOCs are also found in some paints and paint removers, varnishes and lacquers as well as pesticides and herbicides, most dry cleaning chemicals, many printing inks and printing press chemicals, and most petroleum products including many types of fuels. Many VOCs are flammable and are toxic in various concentrations. They can be a health hazard when present in drinking water. During 2011, only one public water supply system incurred a VOC monitoring violation.



Table 5 lists the volatile organic contaminants (VOCs) regulated by KDHE.

TABLE 5 REGULATED VOLATILE ORGANIC CONTAMINANTS (VOC)			
ANALYTE	MCL	UNIT	TYPICAL SOURCE
Benzene	0.005	mg/l	Fuels, pesticides, paints, pharmaceuticals
Carbon tetrachloride	0.005	mg/l	Degreasing agents, fumigants
Chlorobenzene	0.1	mg/l	Industrial solvents, pesticides
cis-1,2 Dichloroethylene	0.07	mg/l	Industrial solvents, chemical manufacturing
Dichloromethane	0.005	mg/l	Paint strippers, refrigerants, fumigants
Ethyl benzene	0.7	mg/l	Gasoline, insecticides
o-Dichlorobenzene	0.6	mg/l	Insecticides, industrial solvents
p-Dichlorobenzene	0.075	mg/l	Insecticides, moth balls
Styrene	0.1	mg/l	Plastics, synthetic rubber, resins
Tetrachloroethylene	0.005	mg/l	Dry cleaning, industrial solvents
trans-1,2 Dichloroethylene	0.1	mg/l	Industrial solvents, chemical manufacturing
Trichloroethylene	0.005	mg/l	Paint strippers, dry cleaning, degreasers
Vinyl chloride	0.002	mg/l	Plastics, synthetic rubber, solvents
Xylenes	10	mg/l	Paints/inks, solvents, synthetic fibers, dyes
1,1 Dichloroethylene	0.007	mg/l	Paints, dyes, plastics
1,1,1 Trichloroethane	0.2	mg/l	Metal cleaning/degreasing agent
1,1,2 Trichloroethane	0.005	mg/l	Industrial degreasing solvents
1,2,4 Trichlorobenzene	0.07	mg/l	Industrial solvents
MCL = Maximum Contaminant Level			

SYNTHETIC ORGANIC CONTAMINANTS (SOC)

Synthetic organic contaminants (SOCs) are man-made contaminants, many of which are chlorinated and used as herbicides, fungicides and insecticides. Kansas regulation, K.A.R. 28-15a-24, requires public water supply systems to monitor all drinking water for 33 SOC. Maximum contaminant levels for each of these contaminants are set by Kansas regulation K.A.R. 28-15a-61.

Public water supply systems utilizing groundwater are required to monitor each point of entry at least once during a three year compliance period. Systems serving a population of 3,300 or less utilizing surface water are required to monitor at least once during the three year compliance period during the months of May or June. Large surface water systems serving a population greater than 3,300 are required to monitor at least annually during the months of May or June. Systems using groundwater with no SOC detected during their initial compliance period are able to be tested for only atrazine using an immunoassay scan method (EPA Method 4670). The immunoassay method is used because it is highly sensitive in detecting all contaminants in the triazine contaminant family and is about one fourth the cost of the regular drinking water testing method (EPA Method 507).

Groundwater systems that have had a previous SOC detect, and all surface water systems are required to perform the regular testing using EPA Method 507.



Table 6 lists the regulated synthetic organic contaminants (SOC) regulated by KDHE.

TABLE 6 REGULATED SYNTHETIC ORGANIC CONTAMINANTS (SOC)			
ANALYTE	MCL	UNIT	TYPICAL SOURCE
Alachlor (Lasso)	0.002	mg/l	Herbicide
Aldicarb	0.003	mg/l	Insecticide
Aldicarb sulfoxide	0.003	mg/l	Insecticide
Aldicarb sulfone	0.003	mg/l	Insecticide
Atrazine (atranex, Crisazina)	0.003	mg/l	Herbicide
Benzo(a)pyrene	0.0002	mg/l	Coal tar lining & sealants
Carbufuran (Furadan 4F)	0.04	mg/l	Rootworm, weevil control
Chlordane	0.002	mg/l	Termite control
Dalapon	0.2	mg/l	Herbicide
Dibromochloropropane (DBCP)	0.0002	mg/l	Pesticide, nematocide, fumigant
2,4-D	0.07	mg/l	Herbicide, defoliant
2,4,5-TP (Silvex)	0.05	mg/l	Herbicide, defoliant
Di(diethylhexyl)adipate	0.4		Plasticizer
Di(diethylhexyl)phthalate	0.006	mg/l	Plasticizer
Dinoseb	0.007	mg/l	Insecticide, herbicide
Diquat	0.02	mg/l	Herbicide
Endothall	0.1	mg/l	Herbicide, defoliant
Endrin	0.002	mg/l	Insecticide
Ethylene Dibromide (EDB)	0.0005	mg/l	Gasoline additive, fumigants
Glyphosate	0.7	mg/l	Herbicide
Heptachlor (H-34, Heptox)	0.0004	mg/l	Termite control
Heptachlor epoxide	0.0002	mg/l	Insecticide
Hexachlorobenzene	0.001	mg/l	Solvents byproduct
Hexachlorocyclopentadiene	0.05	mg/l	Pesticide, fungicide

Lindane	0.0002	mg/l	Pesticide
Methoxychlor (DMDT, Marlata)	0.04	mg/l	Insecticide
Oxamyl (Vydate)	0.2	mg/l	Insecticide
Pentachlorophenol (PCP)	0.001	mg/l	Herbicide, fungicide, wood
Picloram (Tordon)	0.5	mg/l	Herbicide, defoliant
Polychlorinated Biphenyls (PCB)	0.0005	mg/l	Herbicide
Simazine	0.004	mg/l	Herbicide
2,3,7,8 TCDD (Dioxin)	3x10 ⁻⁸	mg/l	Pesticide byproduct
Toxaphene	0.003	mg/l	Pesticide
MCL = Maximum Contaminant Level			

KANSAS MONITORING WAIVERS AND USE WAIVERS

State-wide waivers are issued by KDHE for all contaminants that are either not naturally found in Kansas source water or, due to the Kansas requirement for all systems to disinfect, are already determined to be using the best available treatment (BAT) for the contaminant.

Under K.A.R. 28-15-19, all public water supply systems are required to maintain a chlorine residual of 0.2 mg/l free chlorine or 1.0 mg/l combined chlorine in treated water supplied to all consumers.

Asbestos

The Kansas Geology Survey has determined that there are no naturally occurring deposits of asbestos in Kansas. Asbestos fibers do not readily migrate through groundwater. Most Kansas public water supply systems are exempt from monitoring for asbestos. Only public water supply systems that utilize asbestos cement pipe in their distribution lines are required to test for asbestos at least once every nine years.

Cyanide

The best available treatment (BAT) for cyanide is chlorination. All public water supply systems in Kansas are waived from cyanide monitoring.

Nitrite

Because chlorine converts to nitrite, and because K.A.R. 28-15-19 requires all public water supply systems in Kansas to maintain adequate distribution chlorine residual, all systems in Kansas are waived from routine nitrite monitoring.

Glyphosate

The best available treatment (BAT) for this contaminant is chlorination. Because KDHE requires all public water supply systems to maintain adequate distribution chlorine residual all public water supply systems in Kansas are waived from glyphosate monitoring.

Kansas use waivers are issued by Kansas for contaminants meeting criteria regarding their specific detection levels and/or use of water. All public water supply systems are waived from monitoring the SOCs listed in the *Table 7* because of use waivers.

Table 7 lists the synthetic organic contaminants (SOC) not regulated by KDHE due to use waivers.

TABLE 7	
SYNTHETIC ORGANIC CONTAMINANT (SOC) USE WAIVERS	
ANALYTE	ANALYTE
Aldicarb	Dibromochloropropane (DBCP)
Aldicarb sulfoxide	2,4-D
Aldicarb sulfone	2,4,5-TP
Benzo(a)pyrene	Dinoseb
Carbufuran	Diquat
Hexachlorocyclopentadiene	Endothall
Di 2-ethylhexyl adipate	Oxamyl
Di 2-ethylhexyl phthalate	Pentachlorophenol (PCP)
Dioxin	Picloram
Dalapon	

LEAD AND COPPER RULE

Exposure to high levels of metals in drinking water has long been recognized as a cause of adverse health effects in humans. Lead is of particular concern because of its high toxicity. Copper, although an essential nutrient, can also poses a health threat at elevated levels. Young children are especially susceptible to the toxic effects of these metals.

Due to the use of lead and copper in pipes and plumbing solder in years past, these contaminants have the possibility of leaching into the drinking water. Besides leaching from water pipes and solder, lead can also leach from brass plumbing fixtures.



All public water supply systems are required to monitor for lead and copper on a scheduled basis. If monitoring results indicate unacceptable levels, the water system is required to initiate corrosion control treatment techniques to minimize lead and copper contamination. Action levels set by this regulation are 0.015 µg/l for lead and 1.3 mg/l for copper.

Systems which incurred violations of this regulation during 2011 are listed in *Appendix C*.

RADIONUCLIDES

Radiation in ground water commonly occurs when water comes in contact with the natural decay of uranium in rocks and soil. In most circumstances this radiation occurs at low levels harmless to human health.

Table 8 lists the radionuclides regulated by KDHE.

TABLE 8 REGULATED RADIONUCLIDES			
RADIONUCLIDE	MCL	UNIT	MCGL
Beta/photon emitters*	4	mrem/yr	0
Gross alpha particles	15	pCi/L	0
Combined radium 226/228	5	pCi/L	0
Uranium	30	ug/l	0
MCL = Maximum Contaminant Level MCGL = Maximum Contaminant Level Goal			

*A total of 168 individual beta particle and photon emitters may be used to calculate compliance with the MCL. Occasionally, in some areas of the state, these radiation levels occur at higher levels which may increase the human health risk.

Regulations which have been adopted require community public water supply systems to monitor drinking water for radionuclides.

Systems which incurred a radiological MCL violation are listed in *Appendix C*.

DISINFECTION BYPRODUCTS (DBPs)

The disinfection byproduct rule requirements apply to community and non-transient non-community public water supply systems.

The most common method of disinfection in Kansas is chlorination. Chlorine added to water to destroy harmful microorganisms can also combine with organic matter naturally present in all water sources to form chemical compounds known as trihalomethanes (THMs) and haloacetic acids (HAA). Monitoring samples for the total level of trihalomethanes (TTHM) and the total level of five haloacetic acids (HAA5) are collected from the distribution system. Compliance with the MCLs of TTHM and HAA5 is determined by running annual averages of quarterly samples.

While all public water supply systems in Kansas are required by K.A.R. 28-15-19 to maintain chlorine residuals in the distribution system, some systems use alternative disinfectants at the treatment plant. The most common alternative disinfectants are chlorine dioxide and ozone. These alternative disinfectants can form chlorite and bromated byproducts in drinking water. Systems that use these alternative forms of disinfection are required to monitor for the byproducts and maintain levels below the MCLs.

When chlorine dioxide is added to drinking water it dissociates to form chlorite. Approximately 50 to 70 percent of chlorine dioxide is converted to chlorite, while the rest is converted to chlorate and chloride. Monitoring for chlorite is conducted at the treatment plant and by collecting three water samples per month from the distribution system. Compliance for the chlorite MCL is based on maintaining levels below the 1.0 mg/l MCL at the treatment plant and from the

monthly average of the samples from the distribution system.

Ozone use in Kansas is increasing because of its outstanding disinfection capability. When ozone is added to drinking water it reacts with naturally-occurring bromide in the water to create bromate. Bromate is monitored at the point of entry to the distribution system. Compliance for the bromated MCL is determined quarterly by the running annual average of the monthly bromated samples.

As part of the disinfectant byproduct (DBP) rule, systems using surface water must follow a treatment technique to remove specific percentages of organic constituents, measured as total organic carbon (TOC). TOC is a measure of disinfection byproduct precursors and has no known health effects by itself but provides a measure of the potential for the formation of disinfection byproducts such as TTHM and HAA5. Both raw surface water and finished surface water are monitored monthly for TOC content to determine the effectiveness of the public water supply system's TOC removal treatment. Compliance for TOC is based on a running annual average of monthly removal ratios and is calculated quarterly.

Systems which incurred violations of this regulation during 2011 are listed in *Appendix C*.



Table 9 lists the different disinfection byproducts that systems must monitor in drinking water.

TABLE 9			
DISINFECTION BYPRODUCT (DBP)			
PRECURSORS			
DISINFECTION BYPRODUCT	MCL	UNIT	
Total Trihalomethanes (TTHM)	0.08	mg/l	
Bromodichloromethane		N/A	
Bromoform		N/A	
Chloroform		N/A	
Dibromochloromethane		N/A	
Haloacetic Acids (HAA5)	0.06	mg/l	
Dibromoacetic Acid		N/A	
Dichloroacetic Acid		N/A	
Monobromoacetic Acid		N/A	
Monochloroacetic Acid		N/A	
Trichloroacetic Acid		N/A	
Bromate	1	mg/l	
Chlorite	0.01	mg/l	
Total Organic Carbon (TOC)		Treatment Technique	
MCL = Maximum Contaminant Level			

SURFACE WATER TREATMENT RULE (SWTR)

Close to one third of all Kansas public water supply systems use surface water for part or all of their drinking water. These systems provide drinking water to about two thirds of the state population. Since surface water is more vulnerable to contamination from runoff than ground water it requires more treatment to assure its safety as a drinking water source.

Kansas regulation K.A.R. 28-15a-70 addresses general treatment requirements for surface water for all community and non-transient non-community water systems. This regulation, known as the Surface Water Treatment Rule (SWTR), requires surface water systems to provide filtration and disinfection treatment of source water.

The SWTR requires water systems to filter raw surface water and maintain a record of turbidity readings of treated water entering the distribution system. High turbidity levels adversely affect the efficiency of the disinfection process.

The maximum allowable turbidity in finished water is 1.0 nephelometric turbidity unit (NTU). At least 95 percent of filtered water samples during a month must have turbidity levels less than or equal to 0.3 NTU.

Microorganisms such as cryptosporidium, *Giardia Lamblia* and viruses are also commonly found in surface water. Cryptosporidium is a protozoan which causes cryptosporidiosis in humans. Cryptosporidiosis may cause acute diarrhea, abdominal pain, vomiting and fever lasting up to two weeks in healthy adults and may be chronic or fatal in immune-compromised people.

Giardia Lamblia is a protozoan causing giardiasis. Ingestion of this protozoan in contaminated drinking water or exposure from person-to-person contact, and other exposure routes can cause giardiasis. The symptoms of this gastrointestinal disease may persist for weeks or months and include diarrhea, fatigue and cramps.

Viruses in drinking water can cause stomach cramps and/or gastroenteritis (intestinal distress).

The SWTR requires that the filtering process in conjunction with disinfection remove or inactivate 99.99 percent of viruses, 99.9 percent of *Giardia Lamblia* cysts, and 99 percent cryptosporidium cysts.

Kansas regulation K.A.R. 28-15-19 requires all public water supply systems to maintain a chlorine residual of 0.2 mg/l free chlorine or 1.0 mg/l combined chlorine in the distribution system. Chlorine residual readings must be taken and recorded daily at set intervals by a KDHE certified water operator. Turbidity and disinfection records are required to be submitted to KDHE on a monthly basis for compliance determination.

Systems which incurred violations of the SWTR regulation during 2011 are listed in *Appendix C*.

GROUND WATER RULE (GWR)

EPA issued the Ground Water Rule (GWR) to improve drinking water quality and provide additional protection from disease-causing microorganisms that might be present in ground water. Public water supply systems that have ground water sources may be susceptible to fecal contamination which can contain disease causing pathogens. The GWR provides increased protection against microbial pathogens.

The targeted, risk-based strategy addresses risks through an approach that relies on four major components:

- Periodic sanitary surveys of systems require the evaluation of eight critical elements of a public water supply system and the identification of significant deficiencies (e.g., a well located near a leaking septic system);

- Triggered source water monitoring when a public water supply system that does not already treat drinking water to remove 99.99 percent (4-log) of viruses identifies a positive sample during its total coliform rule monitoring and assessment monitoring (at the option of the state) targeted at high-risk systems;
- Corrective action is required for any public water supply system with a significant deficiency or source water fecal contamination; and
- Compliance monitoring to ensure that treatment technology installed to treat drinking water reliably achieves 99.99 percent (4-log) inactivation or removal of viruses.

During 2011, Kansas had 70 groundwater systems which complied with the ground water rule (GWR) through 4-log treatment of viruses. No water systems in Kansas found source water to be contaminated with fecal bacteria through triggered source water monitoring. One system incurred a treatment technique violation and two systems incurred monitoring violations for failure to collect triggered source water samples.

Systems which incurred violations of the GWR during 2011 are listed in *Appendix C*.

ADDITIONAL PUBLIC WATER SUPPLY REQUIREMENTS

CONSUMER CONFIDENCE REPORT RULE (CCR)

The consumer confidence report rule (CCR) requires all community public water supply systems to provide consumers with an annual water quality report in the form of a consumer confidence report. EPA specified health risk language must be included in the report when regulated contaminants are detected. CCRs provide information to

help educate and inform consumers about the public water supply system and the quality of water they receive. Systems with a population over 100,000 must also post the CCR on the Internet.

By July 1, 2011, 888 community public water supply systems were to deliver the CCR covering calendar year 2010 to their consumers. Each system was to send a copy of the report and a certificate of delivery to KDHE. The number of community systems in violation for not delivering a copy of their CCR to their consumers by July 1, 2011 was 32. Notices were sent followed by phone calls to non-responding public water supply systems resulting in 100 percent of community systems in compliance with the Consumer Confidence Report Rule for 2011.



PUBLIC NOTIFICATION RULE

Public notification is intended to inform the consumers when there is a violation or health risk with the drinking water. Thirty-three water systems incurred at least one public notification violation during 2011.

BOIL WATER ADVISORIES

Boil water advisories are issued to inform the public when a risk from exposure to harmful microorganisms might be present in drinking water. The most common reason for issuance of boil water advisories is due to loss of pressure in the distribution system. The public water supply system and KDHE notify area media when a boil water advisory has been issued or rescinded. KDHE issued nine boil water

advisories in 2011. Public water supply systems voluntarily issued 14 boil water advisories for a total of 23 advisories issued in 2011.

Systems that issued boil water advisories during 2011 are listed in *Appendix C*.

OPERATOR CERTIFICATION

KDHE requires all public water supply systems to have a certified operator who is directly responsible for the public water supply treatment process and the distribution systems. Public water supply systems are classified according to complexity, with Class IV being the most complex.

Table 10 lists the different classes of Kansas certified operators.

TABLE 10 KDHE CERTIFIED OPERATOR CLASSES			
CLASS	YEARS EXPERIENCE	DESCRIPTION	POPULATION SERVED
Small Systems	6 months	1. Distribution System Only 2. Chlorination of ground water only	<501
I	1 year	1. Chlorination of ground water only 2. *Treatment of Groundwater	501 - 1500 <501
II	1 year	1. Chlorination of ground water only 2. *Treatment of Groundwater 3. Treatment of Surface Water	1501 - 5000 501 - 2500 <2501
III	2 years	1. Chlorination of ground water only 2. *Treatment of ground water or surface water	5001 - 20,000 2501 - 10,000
IV	2 years	1. Chlorination of ground water only 2. *Treatment of ground water or surface water	>20,000 >10,000
* Includes iron and manganese removal, softening, membrane filtration, coagulation, sedimentation, filtration, re-carbonation and chemical addition other than chlorine.			

Table 11 lists the number of certified operators categorized by class.

TABLE 11 KDHE CERTIFIED OPERATORS		
CLASSIFICATION	NUMBER OF WATER SYSTEMS	NUMBER OF KDHE CERTIFIED OPERATORS
Small Systems	696	488
Class I	140	416
Class II	128	484
Class III	46	157
Class IV	25	474
TOTAL	1,035	2,019

KDHE contracted with the Kansas Rural Water Association (KRWA) to provide emergency technical assistance to public water supply systems that do not have a certified operator.

GOVERNMENT PERFORMANCE RESULTS ACT (GPRA)

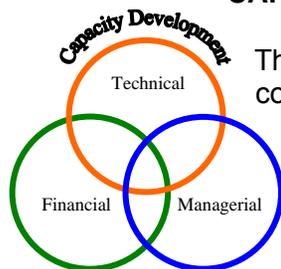
The Federal Government Performance Results Act (GPRA) established a goal of 95 percent of the population served by community public water supply systems to be free of any health-based violations.

Table 12 is based on information provided by the EPA for federal fiscal years 2007 to 2011. The federal fiscal year is October 1 through September 30.

TABLE 12 GOVERNMENT PERFORMANCE RESULTS ACT (GPRA)						
FFY	COMMUNITY SYSTEMS	% W/ VIOLATIONS	% W/O VIOLATIONS	POPULATION W/ VIOLATIONS	TOTAL POULATION SERVED	% POPULATION W/O VIOLATIONS
2007	895	122	87%	281,850	2,576,341	96%
2008	895	89	90%	238,999	2,714,519	91%
2009	895	113	87%	169,597	2,597,916	93%
2010	896	119	89%	603258	2,664,935	96%
2011	888	209	76%	357,966	2,678,276	86%

PUBLIC WATER SUPPLY ASSISTANCE PROGRAMS

CAPACITY DEVELOPMENT PROGRAM (KANCAP)



The Kansas Capacity Development Program consists of two components. The first component ensures that new public water supplies have the technical, financial and managerial capability to meet Safe Drinking Water Act (SDWA) requirements before a permit is issued to serve water to consumers. The permit application for

new systems can be found on the KDHE webpage:

<http://www.kdheks.gov/pws/peu.html#permit>

The second component of the capacity development program is designed to help existing public water supply systems achieve and maintain technical, financial and managerial capability by providing training, technical assistance, and financial planning assistance. Several programs and tools are available at no cost to Kansas public water supply systems. A new program added in 2010 was an asset management planning and training tool. Descriptions of these programs and tools are available on the KDHE Capacity Development webpage: <http://www.kdheks.gov/pws/capdev.html>

KDHE provides an annual report to EPA summarizing the details of the Capacity Development Program implementation efforts. This report can also be found on the Capacity Development webpage listed above.

KANSAS PUBLIC WATER SUPPLY LOAN FUND (KPWSLF)

The Kansas public water supply loan fund (KPWSLF) is a state revolving loan fund (SRF) program which provides loans to Kansas municipalities at below market interest rates for construction of public water supply system infrastructure.

This is the twelfth year of operation for the KPWSLF. The KPWSLF provides the opportunity for communities, which otherwise might not have the financial means, to improve or construct safe water supply infrastructure to protect the health of their citizens.

Loans can be received by two distinct types of community public water supply systems, cities and rural water districts (RWD). Rural water districts lack the general taxing powers of cities, and are perceived in credit markets as a greater financial risk. The KPWSLF provides equal access and interest rates to both types of borrowers, but requires different pledges of security to receive a loan.

EPA presents a semi-annual award for Drinking Water State Revolving Loan Fund for Sustainable Public Health Protection. The

State of Kansas won the award from EPA Region 7 in 2005 and again in 2007.

KDHE publishes an annual report summarizing operation of the KPWSLF at:

http://www.kdheks.gov/pws/loan/2009_KPWSLF_Annual_Report.pdf

COMPLIANCE ASSISTANCE AND ENFORCEMENT

One of KDHE's objectives is to assist public water supply systems in protecting public health and achieving compliance with all state and federal drinking water regulations. KDHE staff are available to provide assistance and will refer the systems to third party technical assistance providers as appropriate.

KDHE will first offer technical assistance rather than taking formal enforcement action to return public water supply systems to compliance. Typically, enforcement action is administered according to an escalation policy. If three major violations occur within any twelve month period a directive is sent to the water system. If violations continue then a Consent Order or an Administrative Order (with or without a civil penalty) may be issued.

KDHE uses more formal enforcement responses when the need to address more serious violations arises before multiple violations occur. Consent Agreements are generally arranged as part of the appeals process following an Administrative Order. The Consent Order is a formally documented agreement between KDHE and the public water supply system to take specific actions within an agreed upon time frame for the system to return to compliance.

KDHE does not issue any variances or exemptions from the SDWA requirements. All public water supply systems are expected to comply with all drinking water regulations, address violations in a timely manner, and perform public notice if violations occur.

SUMMARY

The following summary lists the number of maximum contaminant level (MCL), treatment technique (TT), and monitoring/reporting violations by regulated parameter in *Appendix B*. This information is entered into the Kansas State Drinking Water Information System (KsSDWIS).

TOTAL COLIFORM RULE

One public water supply system, serving 25 individuals, received an acute total coliform rule MCL violation.

Twenty-eight public water supply systems, serving a total of 44,508 individuals, received 29 major monitoring violations.

Thirty-eight public water supply systems, serving a total of 10,016 individuals, received 44 routine/repeat major monitoring violations.

These results translate to an acute/non-acute MCL compliance rate of nearly 100 percent and a monitoring/repeat sample compliance rate of 95 percent.

INORGANIC CONTAMINANTS (IOCs)

Four public water supply systems, serving a total of 1,758 individuals, received IOC monitoring violations

Seven public water supply systems, serving 5,860 individuals, received 21 arsenic MCL violations.

One public water supply system, serving 103 individuals, incurred two fluoride MCL violations. One public water supply system serving 13,021 individuals incurred one fluoride monitoring violation.

This results in nearly 100 percent compliance for inorganic contaminants.

NITRATE

Thirty public water supply systems, serving a total 26,291 individuals, received 77 nitrate MCL violations. This results in a compliance rate of 97 percent for nitrate.

VOLATILE ORGANIC CONTAMINANTS (VOCs)

One public water supply system, serving 310 individuals, incurred a VOC monitoring violation for a compliance rate of nearly 100 percent.

SYNTHETIC ORGANIC CONTAMINANTS (SOCs)

One public water supply system, serving 300 individuals, incurred a SOC monitoring violation for a compliance rate of nearly 100 percent.

LEAD/COPPER RULE

Twenty-nine water systems, serving a total of 46,258 individuals, received 31 lead/copper monitoring violations for a 98 percent compliance rate.

There were no violations for optimal corrosion control treatment/source water treatment recommendation or Lead Public Education.

RADIONUCLIDES

There were no gross alpha violations accessed during the 2011 calendar year.

Six systems, serving a total of 7,430 individuals, received 21 MCL violations for combined uranium MCL.

One water system, serving 83 individuals, received one MCL violation for combined radium.

The overall compliance rates are 100 percent compliance for gross alpha, nearly 100 percent for combined uranium and nearly 100 percent for combined radium.

DISINFECTION BYPRODUCT RULE

Ten public water supply systems, serving a population of 14,347 individuals, received a total of 25 MCL violations for Haloacetic Acids (HAA).

Five public water supply systems, serving 12,845 individuals, received 16 treatment technique violations under the Total Organic Carbon (TOC) requirements. Two public water supply systems, serving a population of 9,467, received two major routine monitoring violations.

Thirteen public water supply systems, serving 31,367 individuals, received 36 MCL violations for total trihalomethanes (TTHMs).

This translates to a compliance rate of nearly 100 percent for HAA requirements, nearly 100 percent compliance for TOC and 99 percent compliance for TTHMs.

SURFACE WATER TREATMENT RULE (SWTR)

Twelve public water supply systems, serving a population of 134,999 individuals, received five treatment technique violations during 2011.

One water system, serving a population of 464, received one major routine/repeat monitoring violation. This resulted in nearly 100 percent treatment technique compliance, and nearly 100 percent monitoring compliance.

GROUND WATER RULE (GWR)

Two public water supply systems, serving a total of 941 individuals, received one ground water rule monitoring violation each.

One public water supply system, serving 1,193 individuals, incurred a treatment technique violation during 2011 resulting in a 99 percent compliance rate.

CONSUMER CONFIDENCE REPORT RULE (CCR)

A total of 888 community public water supply systems were required to deliver a consumer confidence report (CCR) to their consumers by

July 1, 2011. Thirty-two systems, serving a total of 17,019 individuals, received a violation for failure to do so by July 1, 2011.

Fourteen public water supply systems, serving 9,346 individuals, received violations for inadequate CCRs.

By the end of 2011, 100 percent of systems had complied with the CCR Rule.

PUBLIC NOTIFICATION RULE (PN)

Fifty-seven public notice rule (PN) violations were issued to 39 water systems serving a total of 43,416 individuals.

BOIL WATER ADVISORIES

Boil water advisories were issued to 35 public water systems during 2011. KDHE issued 18 boil water advisories, and public water supply systems voluntarily imposed 17 boil water advisories.

COMPLIANCE SUMMARY

The overall compliance rate for all public water supply systems' drinking water regulations during 2011 was 80 percent. A total of 339 systems serving 740,795 individuals received at least one violation of a drinking water requirement during calendar year 2011. There were 696 water systems, serving a combined population of 1,916,233 individuals, which had no violations during 2011.

APPENDIX A

2011 PUBLIC WATER SUPPLY SYSTEMS



Our Vision – Healthy Kansans living in safe and sustainable environments.

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2015512	ABBYVILLE, CITY OF	RENO	87
KS2004112	ABILENE, CITY OF	DICKINSON	6,844
KS2011103	ADMIRE, CITY OF	LYON	156
KS2015705	AGENDA, CITY OF	REPUBLIC	68
KS2014707	AGRA, CITY OF	PHILLIPS	267
KS2000914	ALBERT, CITY OF	BARTON	175
KS2016503	ALEXANDER, CITY OF	RUSH	65
KS2000109	ALLEN CO RWD 10	ALLEN	125
KS2000123	ALLEN CO RWD 11	ALLEN	54
KS2000117	ALLEN CO RWD 12	ALLEN	60
KS2000118	ALLEN CO RWD 13	ALLEN	100
KS2000121	ALLEN CO RWD 15	ALLEN	135
KS2000122	ALLEN CO RWD 16	ALLEN	130
KS2000112	ALLEN CO RWD 4	ALLEN	52
KS2000107	ALLEN CO RWD 6	ALLEN	45
KS2000104	ALLEN CO RWD 7	ALLEN	145
KS2000110	ALLEN CO RWD 8	ALLEN	736
KS2011102	ALLEN, CITY OF	LYON	177
KS2019701	ALMA, CITY OF	WABAUNSEE	832
KS2013701	ALMENA, CITY OF	NORTON	408
KS2019702	ALTA VISTA, CITY OF	WABAUNSEE	444
KS2009901	ALTAMONT, CITY OF	LABETTE	1,080
KS2014102	ALTON, CITY OF	OSBORNE	103
KS2020508	ALTOONA, CITY OF	WILSON	414
KS2017342	ANDALE, CITY OF	SEDGWICK	928
KS2000302	ANDERSON CO RWD 1	ANDERSON	37
KS2000311	ANDERSON CO RWD 1C	ANDERSON	2,100
KS2000303	ANDERSON CO RWD 4	ANDERSON	838
KS2000306	ANDERSON CO RWD 5	ANDERSON	2,055
KS2007707	ANTHONY, CITY OF	HARPER	2,269
KS2003711	ARCADIA, CITY OF	CRAWFORD	310
KS2019116	ARGONIA, CITY OF	SUMNER	501
KS2003509	ARKANSAS CITY, CITY OF	COWLEY	12,415
KS2015511	ARLINGTON, CITY OF	RENO	473
KS2003713	ARMA, CITY OF	CRAWFORD	1,481
KS2013506	ARNOLD WATERWORKS INC	NESS	40
KS2002502	ASHLAND, CITY OF	CLARK	867

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2016902	ASSARIA, CITY OF	SALINE	413
KS2000503	ATCHISON CO RWD 1	ATCHISON	490
KS2000504	ATCHISON CO RWD 3	ATCHISON	110
KS2000511	ATCHISON CO RWD 5C	ATCHISON	3,085
KS2000510	ATCHISON CO RWD 6	ATCHISON	485
KS2000506	ATCHISON, CITY OF	ATCHISON	11,021
KS2003502	ATLANTA, CITY OF	COWLEY	195
KS2007703	ATTICA, CITY OF	HARPER	626
KS2015301	ATWOOD, CITY OF	RAWLINS	1,194
KS2001503	AUGUSTA, CITY OF	BUTLER	9,274
KS2002906	AURORA, CITY OF	CLOUD	60
KS2011711	AXTELL, CITY OF	MARSHALL	406
KS2005101	BAKER AND HAMLIN LLC	ELLIS	60
KS2004510	BALDWIN CITY, CITY OF	DOUGLAS	4,515
KS2000701	BARBER CO RWD 1	BARBER	75
KS2000704	BARBER CO RWD 2	BARBER	500
KS2000709	BARBER CO RWD 3	BARBER	220
KS2010503	BARNARD, CITY OF	LINCOLN	70
KS2020110	BARNES, CITY OF	WASHINGTON	159
KS2009902	BARTLETT, CITY OF	LABETTE	80
KS2000907	BARTON CO RWD 2	BARTON	344
KS2000913	BARTON COUNTY COMMUNITY COLLEGE	BARTON	1,000
KS2000915	BARTON HILLS ADDITION	BARTON	176
KS2002109	BAXTER SPRINGS, CITY OF	CHEROKEE	4,238
KS2013505	BAZINE, CITY OF	NESS	334
KS2011712	BEATTIE, CITY OF	MARSHALL	200
KS2006707	BED ROCK MOBILE HOME PARK	GRANT	150
KS2017304	BEL AIRE, CITY OF	SEDGWICK	6,769
KS2019115	BELLE PLAINE, CITY OF	SUMNER	1,681
KS2015704	BELLEVILLE, CITY OF	REPUBLIC	1,991
KS2012301	BELOIT, CITY OF	MITCHELL	3,835
KS2004701	BELPRE, CITY OF	EDWARDS	84
KS2014902	BELVUE, CITY OF	POTTAWATOMIE	205
KS2014303	BENNINGTON, CITY OF	OTTAWA	672
KS2017341	BENTLEY, CITY OF	SEDGWICK	530
KS2001507	BENTON, CITY OF	BUTLER	880
KS2013104	BERN, CITY OF	NEMAHA	166

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2010504	BEVERLY, CITY OF	LINCOLN	162
KS2002301	BIRD CITY, CITY OF	CHEYENNE	447
KS2016501	BISON, CITY OF	RUSH	255
KS2010701	BLUE MOUND, CITY OF	LINN	275
KS2011710	BLUE RAPIDS, CITY OF	MARSHALL	1,019
KS2016106	BLUE RIVER HILLS IMPVMT DISTRICT	RILEY	89
KS2007701	BLUFF CITY, CITY OF	HARPER	65
KS2006504	BOGUE, CITY OF	GRAHAM	143
KS2020904	BONNER SPRINGS, CITY OF	WYANDOTTE	7,314
KS2001103	BOURBON CO RWD 2C	BOURBON	6,200
KS2001101	BOURBON CO RWD 4	BOURBON	918
KS2019303	BREWSTER, CITY OF	THOMAS	305
KS2001106	BRONSON, CITY OF	BOURBON	323
KS2016904	BROOKVILLE, CITY OF	SALINE	262
KS2001304	BROWN CO RWD 1	BROWN	709
KS2001312	BROWN CO RWD 2	BROWN	724
KS2013504	BROWNELL, CITY OF	NESS	29
KS2005711	BUCKLIN, CITY OF	FORD	794
KS2005110	BUFFALO HILLS PARK	ELLIS	93
KS2020511	BUFFALO, CITY OF	WILSON	232
KS2015513	BUHLER, CITY OF	RENO	1,327
KS2016712	BUNKER HILL, CITY OF	RUSSELL	95
KS2003503	BURDEN, CITY OF	COWLEY	535
KS2014501	BURDETT, CITY OF	PAWNEE	247
KS2013915	BURLINGAME, CITY OF	OSAGE	934
KS2003101	BURLINGTON, CITY OF	COFFEY	2,674
KS2011501	BURNS, CITY OF	MARION	228
KS2008906	BURR OAK, CITY OF	JEWELL	174
KS2007903	BURRTON, CITY OF	HARVEY	901
KS2015905	BUSHTON, CITY OF	RICE	279
KS2001514	BUTLER CO RWD 1	BUTLER	726
KS2001505	BUTLER CO RWD 2	BUTLER	1,775
KS2001513	BUTLER CO RWD 3	BUTLER	1,448
KS2001506	BUTLER CO RWD 4	BUTLER	1,940
KS2001526	BUTLER CO RWD 5	BUTLER	3,357
KS2001530	BUTLER CO RWD 6	BUTLER	2,586
KS2001531	BUTLER CO RWD 7	BUTLER	1,300

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2001528	BUTLER CO RWD 8	BUTLER	1,450
KS2019117	CALDWELL, CITY OF	SUMNER	1,068
KS2003504	CAMBRIDGE, CITY OF	COWLEY	82
KS2012517	CANEY, CITY OF	MONTGOMERY	2,203
KS2011313	CANTON, CITY OF	MCPHERSON	748
KS2013914	CARBONDALE, CITY OF	OSAGE	1,437
KS2001501	CASSODAY, CITY OF	BUTLER	129
KS2012303	CAWKER CITY, CITY OF	MITCHELL	469
KS2001706	CEDAR POINT, CITY OF	CHASE	28
KS2001902	CEDAR VALE, CITY OF	CHAUTAUQUA	579
KS2013106	CENTRALIA, CITY OF	NEMAHA	512
KS2013307	CHANUTE, CITY OF	NEOSHO	9,119
KS2004108	CHAPMAN, CITY OF	DICKINSON	1,393
KS2001705	CHASE CO RWD 1	CHASE	369
KS2015906	CHASE, CITY OF	RICE	477
KS2001905	CHAUTAUQUA CO RWD 1	CHAUTAUQUA	135
KS2001908	CHAUTAUQUA CO RWD 2	CHAUTAUQUA	400
KS2001909	CHAUTAUQUA CO RWD 3	CHAUTAUQUA	208
KS2001911	CHAUTAUQUA CO RWD 4	CHAUTAUQUA	385
KS2001907	CHAUTAUQUA, CITY OF	CHAUTAUQUA	111
KS2017327	CHENEY, CITY OF	SEDGWICK	2,094
KS2002111	CHEROKEE CO RWD 1	CHEROKEE	520
KS2002106	CHEROKEE CO RWD 2	CHEROKEE	975
KS2002107	CHEROKEE CO RWD 3	CHEROKEE	1,800
KS2002102	CHEROKEE CO RWD 4	CHEROKEE	1,500
KS2002117	CHEROKEE CO RWD 5	CHEROKEE	350
KS2002112	CHEROKEE CO RWD 6	CHEROKEE	293
KS2002116	CHEROKEE CO RWD 7	CHEROKEE	158
KS2002121	CHEROKEE CO RWD 8	CHEROKEE	1,300
KS2002120	CHEROKEE CO RWD 9	CHEROKEE	900
KS2003714	CHEROKEE, CITY OF	CRAWFORD	714
KS2012512	CHERRYVALE, CITY OF	MONTGOMERY	2,367
KS2009905	CHETOPA, CITY OF	LABETTE	1,125
KS2003704	CHICOPEE RURAL WATER DISTRICT	CRAWFORD	425
KS2017347	CHISHOLM CREEK UTILITY AUTHORITY	SEDGWICK	1
KS2006903	CIMARRON, CITY OF	GRAY	2,184
KS2008504	CIRCLEVILLE, CITY OF	JACKSON	170

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2000905	CLAFLIN, CITY OF	BARTON	645
KS2002701	CLAY CENTER, CITY OF	CLAY	4,334
KS2002704	CLAY CO RWD 1	CLAY	98
KS2002710	CLAY CO RWD 2	CLAY	950
KS2013706	CLAYTON, CITY OF	NORTON	59
KS2009123	CLEARVIEW CITY, CITY OF	JOHNSON	317
KS2017329	CLEARWATER, CITY OF	SEDGWICK	2,481
KS2002709	CLIFTON, CITY OF	CLAY	554
KS2002901	CLOUD CO RWD 1	CLOUD	450
KS2002905	CLYDE, CITY OF	CLOUD	716
KS2013302	COAL HOLLOW WATER COMPANY	NEOSHO	55
KS2015105	COATS, CITY OF	PRATT	83
KS2003102	COFFEY CO RWD 2	COFFEY	1,146
KS2003110	COFFEY CO RWD 2E	COFFEY	1,254
KS2003106	COFFEY CO RWD 3	COFFEY	1,600
KS2012513	COFFEYVILLE, CITY OF	MONTGOMERY	10,295
KS2019302	COLBY, CITY OF	THOMAS	5,387
KS2003304	COLDWATER, CITY OF	COMANCHE	828
KS2019502	COLLYER, CITY OF	TREGO	109
KS2016118	COLONIAL GARDENS MOBILE HOME CT	RILEY	1,200
KS2000307	COLONY, CITY OF	ANDERSON	408
KS2002110	COLUMBUS, CITY OF	CHEROKEE	3,312
KS2017344	COLWICH, CITY OF	SEDGWICK	1,327
KS2003301	COMANCHE CO RWD 1	COMANCHE	57
KS2003303	COMANCHE CO RWD 2	COMANCHE	101
KS2002907	CONCORDIA, CITY OF	CLOUD	5,395
KS2019118	CONWAY SPRINGS, CITY OF	SUMNER	1,272
KS2007501	COOLIDGE, CITY OF	HAMILTON	95
KS2006904	COPELAND, CITY OF	GRAY	310
KS2013107	CORNING, CITY OF	NEMAHA	157
KS2001703	COTTONWOOD FALLS, CITY OF	CHASE	903
KS2005533	COTTONWOOD MOBILE HOME PARK	FINNEY	84
KS2012702	COUNCIL GROVE, CITY OF	MORRIS	2,182
KS2005121	COUNTRY VIEW MOBILE HOME PARK	ELLIS	125
KS2005107	COUNTRYSIDE ESTATES MOBILE HOME PARK	ELLIS	300
KS2015520	COUNTRYVIEW MOBILE HOME PARK	RENO	44
KS2015703	COURTLAND, CITY OF	REPUBLIC	285

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2003507	COWLEY CO RWD 1	COWLEY	1,500
KS2003512	COWLEY CO RWD 2	COWLEY	425
KS2003505	COWLEY CO RWD 3	COWLEY	2,500
KS2003511	COWLEY CO RWD 4	COWLEY	500
KS2003508	COWLEY CO RWD 5	COWLEY	2,000
KS2003506	COWLEY CO RWD 6	COWLEY	797
KS2003516	COWLEY CO RWD 7	COWLEY	250
KS2003515	COWLEY CO RWD 8	COWLEY	50
KS2003703	CRAWFORD CO RWD 1	CRAWFORD	430
KS2003719	CRAWFORD CO RWD 1C	CRAWFORD	1,915
KS2003717	CRAWFORD CO RWD 2	CRAWFORD	1,010
KS2003716	CRAWFORD CO RWD 3	CRAWFORD	250
KS2003706	CRAWFORD CO RWD 4	CRAWFORD	1,580
KS2003702	CRAWFORD CO RWD 5	CRAWFORD	1,750
KS2003707	CRAWFORD CO RWD 6	CRAWFORD	800
KS2003722	CRAWFORD CO RWD 7	CRAWFORD	475
KS2015701	CUBA, CITY OF	REPUBLIC	156
KS2015104	CULLISON, CITY OF	PRATT	101
KS2014306	CULVER, CITY OF	OTTAWA	121
KS2009501	CUNNINGHAM, CITY OF	KINGMAN	454
KS2016305	DAMAR, CITY OF	ROOKS	132
KS2012511	DEARING, CITY OF	MONTGOMERY	431
KS2009302	DEERFIELD, CITY OF	KEARNY	700
KS2008507	DELIA, CITY OF	JACKSON	169
KS2014305	DELPHOS, CITY OF	OTTAWA	359
KS2008505	DENISON, CITY OF	JACKSON	187
KS2009102	DESOTO, CITY OF	JOHNSON	5,244
KS2003501	DEXTER, CITY OF	COWLEY	278
KS2004104	DICKINSON CO RWD 1	DICKINSON	879
KS2004106	DICKINSON CO RWD 2	DICKINSON	1,560
KS2010101	DIGHTON, CITY OF	LANE	1,038
KS2005710	DODGE CITY, CITY OF	FORD	27,340
KS2004305	DONIPHAN CO RWD 1	DONIPHAN	75
KS2004303	DONIPHAN CO RWD 2	DONIPHAN	167
KS2004301	DONIPHAN CO RWD 3	DONIPHAN	437
KS2004307	DONIPHAN CO RWD 5	DONIPHAN	1,320
KS2016711	DORRANCE, CITY OF	RUSSELL	185

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2004506	DOUGLAS CO RWD 1	DOUGLAS	1,400
KS2004508	DOUGLAS CO RWD 2	DOUGLAS	1,163
KS2004507	DOUGLAS CO RWD 3	DOUGLAS	3,834
KS2004509	DOUGLAS CO RWD 4	DOUGLAS	3,000
KS2004502	DOUGLAS CO RWD 5	DOUGLAS	2,500
KS2004512	DOUGLAS CO RWD 6	DOUGLAS	360
KS2001510	DOUGLASS, CITY OF	BUTLER	1,700
KS2014101	DOWNS, CITY OF	OSBORNE	900
KS2011502	DURHAM, CITY OF	MARION	112
KS2012701	DWIGHT, CITY OF	MORRIS	272
KS2005543	EAST GARDEN VILLAGE MOBILE HOME PARK	FINNEY	1,525
KS2010301	EASTON, CITY OF	LEAVENWORTH	253
KS2005537	EASTSIDE MOBILE HOME PARK	FINNEY	100
KS2009103	EDGERTON, CITY OF	JOHNSON	1,671
KS2009903	EDNA, CITY OF	LABETTE	442
KS2000502	EFFINGHAM, CITY OF	ATCHISON	546
KS2001511	EL DORADO, CITY OF	BUTLER	13,021
KS2017328	EL PASO WATER COMPANY	SEDGWICK	22,158
KS2001512	ELBING, CITY OF	BUTLER	229
KS2001901	ELGIN, CITY OF	CHAUTAUQUA	89
KS2012520	ELK CITY, CITY OF	MONTGOMERY	325
KS2004905	ELK CO RWD 1	ELK	494
KS2004906	ELK CO RWD 2	ELK	206
KS2012901	ELKHART, CITY OF	MORTON	2,205
KS2000906	ELLINWOOD, CITY OF	BARTON	2,131
KS2005124	ELLIS CO RWD 1C	ELLIS	270
KS2005113	ELLIS CO RWD 3	ELLIS	200
KS2005122	ELLIS CO RWD 6	ELLIS	250
KS2005114	ELLIS, CITY OF	ELLIS	2,062
KS2005309	ELLSWORTH CO RWD 1	ELLSWORTH	2,626
KS2005306	ELLSWORTH, CITY OF	ELLSWORTH	3,120
KS2001704	ELMDALE, CITY OF	CHASE	55
KS2004302	ELWOOD, CITY OF	DONIPHAN	1,224
KS2014901	EMMETT, CITY OF	POTTAWATOMIE	191
KS2011105	EMPORIA, CITY OF	LYON	24,916
KS2002503	ENGLEWOOD, CITY OF	CLARK	77
KS2006905	ENSIGN, CITY OF	GRAY	187

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2004109	ENTERPRISE, CITY OF	DICKINSON	855
KS2013310	ERIE, CITY OF	NEOSHO	1,150
KS2008904	ESBON, CITY OF	JEWELL	99
KS2019703	ESKRIDGE, CITY OF	WABAUNSEE	534
KS2004511	EUDORA, CITY OF	DOUGLAS	6,136
KS2007306	EUREKA, CITY OF	GREENWOOD	2,633
KS2001308	EVEREST, CITY OF	BROWN	284
KS2007304	FALL RIVER, CITY OF	GREENWOOD	162
KS2005535	FARR RENTALS HOLCOMB	FINNEY	41
KS2005540	FINNEY CO RWD 1	FINNEY	2,300
KS2011503	FLORENCE, CITY OF	MARION	465
KS2012107	FONTANA, CITY OF	MIAMI	224
KS2005709	FORD, CITY OF	FORD	216
KS2008905	FORMOSO, CITY OF	JEWELL	93
KS2010311	FORT LEAVENWORTH AMERICAN WATER ENT INC	LEAVENWORTH	12,300
KS2006114	FORT RILEY	GEARY	52,786
KS2001104	FORT SCOTT, CITY OF	BOURBON	8,087
KS2011901	FOWLER, CITY OF	MEADE	590
KS2011708	FRANKFORT, CITY OF	MARSHALL	726
KS2005915	FRANKLIN CO RWD 1	FRANKLIN	665
KS2005905	FRANKLIN CO RWD 2	FRANKLIN	400
KS2005911	FRANKLIN CO RWD 3	FRANKLIN	85
KS2005913	FRANKLIN CO RWD 4	FRANKLIN	2,281
KS2005908	FRANKLIN CO RWD 5	FRANKLIN	580
KS2005909	FRANKLIN CO RWD 6	FRANKLIN	2,400
KS2020513	FREDONIA, CITY OF	WILSON	2,482
KS2003720	FRONTENAC, CITY OF	CRAWFORD	3,437
KS2001102	FULTON, CITY OF	BOURBON	163
KS2002113	GALENA, CITY OF	CHEROKEE	3,085
KS2013308	GALESBURG, CITY OF	NEOSHO	126
KS2011312	GALVA, CITY OF	MCPHERSON	870
KS2005511	GARDEN CITY, CITY OF	FINNEY	26,658
KS2017339	GARDEN PLAIN, CITY OF	SEDGWICK	849
KS2105517	GARDEN SPOT RENTALS	FINNEY	82
KS2009106	GARDNER, CITY OF	JOHNSON	19,123
KS2000304	GARNETT, CITY OF	ANDERSON	3,415
KS2000102	GAS CITY, CITY OF	ALLEN	564

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2018301	GAYLORD, CITY OF	SMITH	114
KS2006103	GEARY CO RWD 1	GEARY	216
KS2006105	GEARY CO RWD 4	GEARY	450
KS2006102	GEARY CO WATER DISTRICT 2	GEARY	78
KS2015907	GENESEO, CITY OF	RICE	267
KS2019114	GEUDA SPRINGS, CITY OF	SUMNER	185
KS2003718	GIRARD, CITY OF	CRAWFORD	2,789
KS2014708	GLADE, CITY OF	PHILLIPS	96
KS2002904	GLASCO, CITY OF	CLOUD	498
KS2012305	GLEN ELDER, CITY OF	MITCHELL	445
KS2017325	GODDARD, CITY OF	SEDGWICK	4,344
KS2011504	GOESSEL, CITY OF	MARION	539
KS2013108	GOFF, CITY OF	NEMAHA	126
KS2018102	GOODLAND, CITY OF	SHERMAN	4,489
KS2016713	GORHAM, CITY OF	RUSSELL	334
KS2006303	GOVE, CITY OF	GOVE	80
KS2006302	GRAINFIELD, CITY OF	GOVE	277
KS2006106	GRANDVIEW PLAZA, CITY OF	GEARY	1,560
KS2000911	GREAT BEND, CITY OF	BARTON	15,995
KS2000305	GREELEY, CITY OF	ANDERSON	302
KS2011109	GREEN ACRES MOBILE HOME PARK	LYON	400
KS2002703	GREEN, CITY OF	CLAY	128
KS2020106	GREENLEAF, CITY OF	WASHINGTON	331
KS2009702	GREENSBURG, CITY OF	KIOWA	777
KS2007305	GREENWOOD CO RWD 1	GREENWOOD	1,440
KS2007302	GREENWOOD CO RWD 2	GREENWOOD	1,480
KS2007309	GREENWOOD CO RWD 3	GREENWOOD	400
KS2004904	GRENOLA, CITY OF	ELK	216
KS2003103	GRIDLEY, CITY OF	COFFEY	341
KS2006301	GRINNELL, CITY OF	GOVE	259
KS2016906	GYP SUM, CITY OF	SALINE	405
KS2020109	HADDAM, CITY OF	WASHINGTON	104
KS2007901	HALSTEAD, CITY OF	HARVEY	2,085
KS2007503	HAMILTON CO RWD 1	HAMILTON	98
KS2007303	HAMILTON, CITY OF	GREENWOOD	268
KS2020108	HANOVER, CITY OF	WASHINGTON	682
KS2008302	HANSTON, CITY OF	HODGEMAN	206

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2000706	HARDTNER, CITY OF	BARBER	172
KS2007706	HARPER CO RWD 1	HARPER	50
KS2007705	HARPER CO RWD 2	HARPER	174
KS2007708	HARPER CO RWD 4	HARPER	320
KS2007709	HARPER CO RWD 5	HARPER	209
KS2007702	HARPER, CITY OF	HARPER	1,473
KS2011111	HARTFORD, CITY OF	LYON	371
KS2007907	HARVEY CO RWD 1	HARVEY	3,000
KS2019704	HARVEYVILLE, CITY OF	WABAUNSEE	236
KS2015514	HAVEN, CITY OF	RENO	1,237
KS2014903	HAVENSVILLE, CITY OF	POTTAWATOMIE	133
KS2009703	HAVILAND, CITY OF	KIOWA	701
KS2002702	HAWKS LANDING	CLAY	51
KS2005116	HAYS SUBURBAN ESTATES	ELLIS	45
KS2005111	HAYS, CITY OF	ELLIS	20,510
KS2017322	HAYSVILLE, CITY OF	SEDGWICK	10,826
KS2000705	HAZELTON, CITY OF	BARBER	93
KS2004102	HERINGTON, CITY OF	DICKINSON	2,526
KS2005545	HERITAGE FEEDERS	HASKELL	32
KS2015302	HERNDON, CITY OF	RAWLINS	129
KS2007902	HESSTON, CITY OF	HARVEY	3,709
KS2001305	HIAWATHA, CITY OF	BROWN	3,172
KS2004306	HIGHLAND, CITY OF	DONIPHAN	1,012
KS2006503	HILL CITY, CITY OF	GRAHAM	1,474
KS2005530	HILLCREST COURTS	FINNEY	70
KS2011505	HILLSBORO, CITY OF	MARION	2,993
KS2000903	HOISINGTON, CITY OF	BARTON	2,706
KS2005509	HOLCOMB, CITY OF	FINNEY	2,094
KS2008503	HOLTON, CITY OF	JACKSON	3,329
KS2005305	HOLYROOD, CITY OF	ELLSWORTH	447
KS2004101	HOPE, CITY OF	DICKINSON	368
KS2007101	HORACE, CITY OF	GREELEY	70
KS2001306	HORTON, CITY OF	BROWN	1,776
KS2004901	HOWARD, CITY OF	ELK	687
KS2016909	HOWISON HEIGHTS WATER DISTRICT	SALINE	200
KS2017901	HOXIE, CITY OF	SHERIDAN	1,201
KS2008501	HOYT, CITY OF	JACKSON	669

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2018901	HUGOTON, CITY OF	STEVENS	3,904
KS2000111	HUMBOLDT, CITY OF	ALLEN	1,953
KS2012306	HUNTER, CITY OF	MITCHELL	57
KS2016134	HUNTERS ISLAND WATER DISTRICT	RILEY	600
KS2015509	HUTCHINSON, CITY OF	RENO	42,080
KS2012508	INDEPENDENCE, CITY OF	MONTGOMERY	9,483
KS2006902	INGALLS, CITY OF	GRAY	306
KS2011310	INMAN, CITY OF	MCPHERSON	1,377
KS2000103	IOLA, CITY OF	ALLEN	5,704
KS2000703	ISABEL, CITY OF	BARBER	90
KS2015107	IUKA, CITY OF	PRATT	163
KS2008511	JACKSON CO RWD 1	JACKSON	2,500
KS2008510	JACKSON CO RWD 3	JACKSON	4,060
KS2002902	JAMESTOWN, CITY OF	CLOUD	286
KS2008706	JEFFERSON CO RWD 1	JEFFERSON	2,250
KS2008709	JEFFERSON CO RWD 10	JEFFERSON	167
KS2008712	JEFFERSON CO RWD 11	JEFFERSON	210
KS2008717	JEFFERSON CO RWD 12	JEFFERSON	2,360
KS2008704	JEFFERSON CO RWD 13	JEFFERSON	2,115
KS2008722	JEFFERSON CO RWD 14	JEFFERSON	60
KS2008721	JEFFERSON CO RWD 15	JEFFERSON	228
KS2008719	JEFFERSON CO RWD 2	JEFFERSON	642
KS2008708	JEFFERSON CO RWD 3	JEFFERSON	2,435
KS2008713	JEFFERSON CO RWD 7	JEFFERSON	1,180
KS2008705	JEFFERSON CO RWD 8	JEFFERSON	53
KS2008715	JEFFERSON CO RWD 9	JEFFERSON	352
KS2003904	JENNINGS, CITY OF	DECATUR	96
KS2008301	JETMORE, CITY OF	HODGEMAN	867
KS2008907	JEWELL CO RWD 1	JEWELL	959
KS2008902	JEWELL, CITY OF	JEWELL	432
KS2018702	JOHNSON CITY, CITY OF	STANTON	1,495
KS2009113	JOHNSON CO RWD 6C	JOHNSON	1,920
KS2009104	JOHNSON CO RWD 7	JOHNSON	4,537
KS2006116	JOHNSTON TRAILER COURT	GEARY	25
KS2006108	JUNCTION CITY, CITY OF	GEARY	23,353
KS2005304	KANOPOLIS, CITY OF	ELLSWORTH	492
KS2018101	KANORADO, CITY OF	SHERMAN	153

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2009911	KANSAS ARMY AMMUNITION PLANT	LABETTE	182
KS2020906	KANSAS CITY BOARD OF PUBLIC UTILITIES	WYANDOTTE	145,786
KS2005701	KANSAS SOLDIERS HOME	FORD	220
KS2017334	KECHI, CITY OF	SEDGWICK	1,909
KS2018302	KENSINGTON, CITY OF	SMITH	473
KS2000301	KINCAID, CITY OF	ANDERSON	122
KS2009502	KINGMAN CO RWD 1	KINGMAN	250
KS2009503	KINGMAN, CITY OF	KINGMAN	3,177
KS2004703	KINSLEY, CITY OF	EDWARDS	1,457
KS2000707	KIOWA, CITY OF	BARBER	1,026
KS2014702	KIRWIN, CITY OF	PHILLIPS	171
KS2017503	KISMET, CITY OF	SEWARD	459
KS2016109	KONZA VALLEY WATER BENEFIT DISTRICT	RILEY	345
KS2000105	LA HARPE, CITY OF	ALLEN	578
KS2009919	LABETTE CO RWD 1C	LABETTE	285
KS2009917	LABETTE CO RWD 3	LABETTE	420
KS2009906	LABETTE CO RWD 5	LABETTE	1,425
KS2009916	LABETTE CO RWD 6	LABETTE	1,550
KS2009912	LABETTE CO RWD 7	LABETTE	540
KS2009904	LABETTE CO RWD 8	LABETTE	1,063
KS2016507	LACROSSE, CITY OF	RUSH	1,342
KS2010703	LACYGNE, CITY OF	LINN	1,149
KS2019712	LAKE WABAUNSEE IMPROVEMENT DIST	WABAUNSEE	185
KS2008716	LAKESIDE VILLAGE IMPROVEMENT DIST	JEFFERSON	290
KS2009301	LAKIN, CITY OF	KEARNY	2,216
KS2010313	LAN DEL WATER DISTRICT	LEAVENWORTH	7,302
KS2000507	LANCASTER, CITY OF	ATCHISON	298
KS2010102	LANE CO RWD 1	LANE	300
KS2005901	LANE, CITY OF	FRANKLIN	225
KS2010312	LANSING CORRECTIONAL FACILITY	LEAVENWORTH	3,500
KS2014503	LARNED STATE HOSPITAL	PAWNEE	1,065
KS2014505	LARNED, CITY OF	PAWNEE	4,054
KS2001517	LATHAM, CITY OF	BUTLER	139
KS2004503	LAWRENCE, CITY OF	DOUGLAS	87,643
KS2010316	LEAVENWORTH CO RWD 1	LEAVENWORTH	40
KS2010315	LEAVENWORTH CO RWD 10	LEAVENWORTH	499
KS2010323	LEAVENWORTH CO RWD 1C	LEAVENWORTH	3,200

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2010319	LEAVENWORTH CO RWD 2	LEAVENWORTH	483
KS2010318	LEAVENWORTH CO RWD 5	LEAVENWORTH	740
KS2010305	LEAVENWORTH CO RWD 6	LEAVENWORTH	240
KS2010320	LEAVENWORTH CO RWD 7	LEAVENWORTH	3,000
KS2010309	LEAVENWORTH CO RWD 8	LEAVENWORTH	2,500
KS2010308	LEAVENWORTH CO RWD 9	LEAVENWORTH	1,302
KS2010317	LEAVENWORTH WATER DEPARTMENT	LEAVENWORTH	35,251
KS2018304	LEBANON, CITY OF	SMITH	218
KS2003104	LEBO, CITY OF	COFFEY	940
KS2004501	LECOMPTON, CITY OF	DOUGLAS	625
KS2011506	LEHIGH, CITY OF	MARION	175
KS2013705	LENORA, CITY OF	NORTON	250
KS2001515	LEON, CITY OF	BUTLER	704
KS2016120	LEONARDVILLE, CITY OF	RILEY	449
KS2020301	LEOTI, CITY OF	WICHITA	1,534
KS2003109	LEROY, CITY OF	COFFEY	561
KS2004702	LEWIS, CITY OF	EDWARDS	451
KS2017504	LIBERAL, CITY OF	SEWARD	20,525
KS2016508	LIEBENTHAL, CITY OF	RUSH	103
KS2010501	LINCOLN, CITY OF	LINCOLN	1,297
KS2011308	LINDSBORG, CITY OF	MCPHERSON	3,458
KS2010702	LINN CO RWD 1	LINN	1,100
KS2010707	LINN CO RWD 2	LINN	1,960
KS2010708	LINN CO RWD 3	LINN	710
KS2010712	LINN VALLEY LAKES POA	LINN	193
KS2020104	LINN, CITY OF	WASHINGTON	410
KS2010310	LINWOOD, CITY OF	LEAVENWORTH	375
KS2015904	LITTLE RIVER, CITY OF	RICE	557
KS2014701	LOGAN, CITY OF	PHILLIPS	589
KS2014703	LONG ISLAND, CITY OF	PHILLIPS	134
KS2002706	LONGFORD, CITY OF	CLAY	79
KS2004903	LONGTON, CITY OF	ELK	348
KS2005303	LORRAINE, CITY OF	ELLSWORTH	138
KS2012106	LOUISBURG, CITY OF	MIAMI	4,315
KS2016702	LUCAS, CITY OF	RUSSELL	393
KS2016701	LURAY, CITY OF	RUSSELL	194
KS2013901	LYNDON, CITY OF	OSAGE	1,052

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2011101	LYON CO RWD 1	LYON	1,595
KS2011108	LYON CO RWD 2	LYON	750
KS2011113	LYON CO RWD 3	LYON	450
KS2011110	LYON CO RWD 4	LYON	945
KS2011107	LYON CO RWD 5	LYON	2,000
KS2015903	LYONS, CITY OF	RICE	3,739
KS2004116	M AND M MOBILE HOME COURT	DICKINSON	46
KS2004107	M AND M MOBILE HOME COURT 2	DICKINSON	80
KS2018501	MACKSVILLE, CITY OF	STAFFORD	549
KS2007301	MADISON, CITY OF	GREENWOOD	701
KS2020102	MAHASKA, CITY OF	WASHINGTON	83
KS2017345	MAIZE, CITY OF	SEDGWICK	3,420
KS2004103	MANCHESTER, CITY OF	DICKINSON	95
KS2016112	MANHATTAN, CITY OF	RILEY	52,281
KS2008903	MANKATO, CITY OF	JEWELL	869
KS2018701	MANTER, CITY OF	STANTON	171
KS2019708	MAPLE HILL, CITY OF	WABAUNSEE	620
KS2012109	MARAIS DES CYGNES PUBLIC UTILITY AUTH	MIAMI	1
KS2011512	MARION CO IMPROVEMENT DIST 2	MARION	234
KS2011510	MARION CO RWD 1	MARION	780
KS2011508	MARION CO RWD 2	MARION	175
KS2011511	MARION CO RWD 4	MARION	1,398
KS2011507	MARION, CITY OF	MARION	1,927
KS2011302	MARQUETTE, CITY OF	MCPHERSON	641
KS2011707	MARSHALL CO RWD 1	MARSHALL	160
KS2011713	MARSHALL CO RWD 3	MARSHALL	1,900
KS2011706	MARYSVILLE, CITY OF	MARSHALL	3,294
KS2001702	MATFIELD GREEN, CITY OF	CHASE	47
KS2008512	MAYETTA, CITY OF	JACKSON	341
KS2019102	MAYFIELD, CITY OF	SUMNER	113
KS2017323	MCCONNELL AFB	SEDGWICK	5,900
KS2016502	MCCRACKEN, CITY OF	RUSH	190
KS2003708	MCCUNE, CITY OF	CRAWFORD	405
KS2015303	MCDONALD, CITY OF	RAWLINS	160
KS2019707	MCFARLAND, CITY OF	WABAUNSEE	256
KS2008702	MCLOUTH, CITY OF	JEFFERSON	880
KS2011301	MCPHERSON CO RWD 1	MCPHERSON	176

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2011307	MCPHERSON CO RWD 2	MCPHERSON	186
KS2011306	MCPHERSON CO RWD 3	MCPHERSON	28
KS2011305	MCPHERSON CO RWD 4	MCPHERSON	636
KS2011315	MCPHERSON CO RWD 6	MCPHERSON	500
KS2011309	MCPHERSON, CITY OF	MCPHERSON	13,155
KS2011902	MEADE, CITY OF	MEADE	1,721
KS2005108	MEADOW ACRES MOBILE HOME COURT	ELLIS	98
KS2000702	MEDICINE LODGE, CITY OF	BARBER	2,009
KS2013905	MELVERN, CITY OF	OSAGE	385
KS2005534	MENDOZA MOBILE HOME PARK	FINNEY	65
KS2117703	METRO TOPEKA AIRPORT AUTHORITY	SHAWNEE	500
KS2012102	MIAMI CO RWD 1	MIAMI	1,680
KS2012101	MIAMI CO RWD 2	MIAMI	8,631
KS2012104	MIAMI CO RWD 3	MIAMI	2,435
KS2012108	MIAMI CO RWD 4	MIAMI	875
KS2006109	MILFORD, CITY OF	GEARY	530
KS2006110	MILLER MOBILE HOME PARK	GEARY	113
KS2002903	MILTONVALE, CITY OF	CLOUD	539
KS2014301	MINNEAPOLIS, CITY OF	OTTAWA	2,032
KS2002501	MINNEOLA, CITY OF	CLARK	745
KS2012302	MITCHELL CO RWD 1	MITCHELL	345
KS2012304	MITCHELL CO RWD 2	MITCHELL	1,291
KS2012309	MITCHELL CO RWD 3	MITCHELL	2,048
KS2004902	MOLINE, CITY OF	ELK	371
KS2006901	MONTEZUMA, CITY OF	GRAY	966
KS2012505	MONTGOMERY CO RWD 1	MONTGOMERY	175
KS2012521	MONTGOMERY CO RWD 12	MONTGOMERY	756
KS2012524	MONTGOMERY CO RWD 13	MONTGOMERY	160
KS2012525	MONTGOMERY CO RWD 14	MONTGOMERY	525
KS2012509	MONTGOMERY CO RWD 1C	MONTGOMERY	2,450
KS2012504	MONTGOMERY CO RWD 2	MONTGOMERY	800
KS2012526	MONTGOMERY CO RWD 2C A	MONTGOMERY	1,113
KS2012516	MONTGOMERY CO RWD 2C B	MONTGOMERY	410
KS2012501	MONTGOMERY CO RWD 4	MONTGOMERY	745
KS2012506	MONTGOMERY CO RWD 6	MONTGOMERY	1,092
KS2012507	MONTGOMERY CO RWD 8	MONTGOMERY	340
KS2012519	MONTGOMERY CO RWD 9	MONTGOMERY	430

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2000116	MORAN, CITY OF	ALLEN	558
KS2002705	MORGANVILLE, CITY OF	CLAY	192
KS2006501	MORLAND, CITY OF	GRAHAM	154
KS2001307	MORRILL, CITY OF	BROWN	230
KS2012704	MORRIS CO RWD 1	MORRIS	1,090
KS2020103	MORROWVILLE, CITY OF	WASHINGTON	155
KS2018902	MOSCOW, CITY OF	STEVENS	310
KS2010709	MOUND CITY, CITY OF	LINN	694
KS2009910	MOUND VALLEY, CITY OF	LABETTE	407
KS2011304	MOUNDRIDGE, CITY OF	MCPHERSON	1,737
KS2017319	MOUNT HOPE, CITY OF	SEDGWICK	813
KS2003710	MULBERRY, CITY OF	CRAWFORD	520
KS2009701	MULLINVILLE, CITY OF	KIOWA	255
KS2019109	MULVANE MOBILE HOME COURT	SUMNER	179
KS2019113	MULVANE, CITY OF	SUMNER	6,111
KS2015708	MUNDEN, CITY OF	REPUBLIC	100
KS2000508	MUSCOTAH, CITY OF	ATCHISON	176
KS2015707	NARKA, CITY OF	REPUBLIC	94
KS2014106	NATOMA, CITY OF	OSBORNE	335
KS2013105	NEMAHA CO RWD 1	NEMAHA	350
KS2013109	NEMAHA CO RWD 2	NEMAHA	300
KS2013110	NEMAHA CO RWD 3	NEMAHA	2,500
KS2013112	NEMAHA CO RWD 4	NEMAHA	448
KS2020502	NEODESHA, CITY OF	WILSON	2,486
KS2013321	NEOSHO CO RWD 12	NEOSHO	437
KS2013320	NEOSHO CO RWD 1C	NEOSHO	670
KS2013314	NEOSHO CO RWD 2	NEOSHO	1,210
KS2013315	NEOSHO CO RWD 3	NEOSHO	128
KS2013317	NEOSHO CO RWD 4	NEOSHO	1,983
KS2013311	NEOSHO CO RWD 5	NEOSHO	112
KS2013305	NEOSHO CO RWD 6	NEOSHO	314
KS2013303	NEOSHO CO RWD 7	NEOSHO	625
KS2013309	NEOSHO CO RWD 8	NEOSHO	323
KS2013301	NEOSHO CO RWD 9	NEOSHO	200
KS2013503	NESS CITY, CITY OF	NESS	1,449
KS2008509	NETAWAKA, CITY OF	JACKSON	143
KS2003105	NEW STRAWN, CITY OF	COFFEY	394

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2007905	NEWTON, CITY OF	HARVEY	19,132
KS2015505	NICKERSON, CITY OF	RENO	1,070
KS2006505	NICODEMUS TOWNSHIP	GRAHAM	32
KS2003902	NORCATUR, CITY OF	DECATUR	151
KS2007906	NORTH NEWTON, CITY OF	HARVEY	1,759
KS2013703	NORTON CO RWD 1	NORTON	50
KS2013704	NORTON CORRECTIONAL FACILITY	NORTON	950
KS2013702	NORTON, CITY OF	NORTON	2,928
KS2008703	NORTONVILLE, CITY OF	JEFFERSON	637
KS2009505	NORWICH, CITY OF	KINGMAN	491
KS2004514	O'CONNELL YOUTH RANCH	DOUGLAS	26
KS2010901	OAKLEY, CITY OF	LOGAN	2,045
KS2003903	OBERLIN, CITY OF	DECATUR	1,788
KS2004704	OFFERLE, CITY OF	EDWARDS	199
KS2016128	OGDEN, CITY OF	RILEY	2,087
KS2011704	OKETO, CITY OF	MARSHALL	66
KS2009115	OLATHE, CITY OF	JOHNSON	125,872
KS2000904	OLMITZ, CITY OF	BARTON	114
KS2011112	OLPE, CITY OF	LYON	546
KS2014907	OLSBURG, CITY OF	POTTAWATOMIE	219
KS2014905	ONAGA, CITY OF	POTTAWATOMIE	702
KS2013103	ONEIDA, CITY OF	NEMAHA	75
KS2013907	OSAGE CITY, CITY OF	OSAGE	2,943
KS2013912	OSAGE CO RWD 2	OSAGE	220
KS2013910	OSAGE CO RWD 3	OSAGE	900
KS2013917	OSAGE CO RWD 4	OSAGE	486
KS2013904	OSAGE CO RWD 5	OSAGE	3,186
KS2013902	OSAGE CO RWD 6	OSAGE	370
KS2013906	OSAGE CO RWD 7	OSAGE	1,430
KS2013918	OSAGE CO RWD 8	OSAGE	2,240
KS2012105	OSAWATOMIE, CITY OF	MIAMI	4,447
KS2014103	OSBORNE CO RWD 1A	OSBORNE	81
KS2014107	OSBORNE CO RWD 2	OSBORNE	61
KS2014105	OSBORNE, CITY OF	OSBORNE	1,431
KS2008714	OSKALOOSA, CITY OF	JEFFERSON	1,113
KS2009908	OSWEGO, CITY OF	LABETTE	1,829
KS2016505	OTIS, CITY OF	RUSH	282

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2014304	OTTAWA CO RWD 1	OTTAWA	198
KS2014307	OTTAWA CO RWD 2	OTTAWA	1,794
KS2005906	OTTAWA, CITY OF	FRANKLIN	12,649
KS2013903	OVERBROOK, CITY OF	OSAGE	1,058
KS2019111	OXFORD, CITY OF	SUMNER	1,049
KS2008718	OZAWKIE, CITY OF	JEFFERSON	645
KS2016302	PALCO, CITY OF	ROOKS	277
KS2020105	PALMER, CITY OF	WASHINGTON	111
KS2012103	PAOLA, CITY OF	MIAMI	5,602
KS2010307	PARADISE PARK MOBILE HOME COURT	LEAVENWORTH	110
KS2016708	PARADISE, CITY OF	RUSSELL	49
KS2017303	PARK CITY, CITY OF	SEDGWICK	7,297
KS2006304	PARK, CITY OF	GOVE	123
KS2010706	PARKER, CITY OF	LINN	277
KS2009914	PARSONS, CITY OF	LABETTE	10,500
KS2000916	PAWNEE ROCK, CITY OF	BARTON	252
KS2019705	PAXICO, CITY OF	WABAUNSEE	221
KS2011509	PEABODY, CITY OF	MARION	1,210
KS2008720	PERRY, CITY OF	JEFFERSON	929
KS2001906	PERU, CITY OF	CHAUTAUQUA	139
KS2014709	PHILLIPS CO RWD 1	PHILLIPS	432
KS2014706	PHILLIPSBURG, CITY OF	PHILLIPS	2,581
KS2003705	PITTSBURG, CITY OF	CRAWFORD	20,233
KS2011903	PLAINS, CITY OF	MEADE	1,145
KS2016301	PLAINVILLE, CITY OF	ROOKS	1,903
KS2010704	PLEASANTON, CITY OF	LINN	1,216
KS2005907	POMONA, CITY OF	FRANKLIN	832
KS2014104	PORTIS, CITY OF	OSBORNE	103
KS2014912	POTTAWATOMIE CO RWD 1	POTTAWATOMIE	3,483
KS2014906	POTTAWATOMIE CO RWD 2	POTTAWATOMIE	470
KS2014904	POTTAWATOMIE CO RWD 3	POTTAWATOMIE	1,300
KS2014922	POTTAWATOMIE CO RWD 4	POTTAWATOMIE	1,125
KS2001518	POTWIN, CITY OF	BUTLER	449
KS2001303	POWHATTAN, CITY OF	BROWN	77
KS2019112	PRAIRIE SCHOONER MOBILE HOME COURT	SUMNER	60
KS2014704	PRAIRIE VIEW, CITY OF	PHILLIPS	134
KS2015103	PRATT, CITY OF	PRATT	6,835

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2010705	PRESCOTT, CITY OF	LINN	264
KS2015102	PRESTON, CITY OF	PRATT	158
KS2015501	PRETTY PRAIRIE, CITY OF	RENO	680
KS2005912	PRINCETON, CITY OF	FRANKLIN	277
KS2003302	PROTECTION, CITY OF	COMANCHE	514
KS2003725	PUBLIC WHOLESALE WSD 11	CRAWFORD	1
KS2013919	PUBLIC WHOLESALE WSD 12	OSAGE	11
KS2010711	PUBLIC WHOLESALE WSD 13	LINN	15
KS2007910	PUBLIC WHOLESALE WSD 17	HARVEY	1
KS2008514	PUBLIC WHOLESALE WSD 18	JACKSON	1
KS2001910	PUBLIC WHOLESALE WSD 20	CHAUTAUQUA	1
KS2013322	PUBLIC WHOLESALE WSD 23	WILSON	1
KS2009918	PUBLIC WHOLESALE WSD 4	LABETTE	45
KS2000119	PUBLIC WHOLESALE WSD 5	ALLEN	1
KS2010322	PUBLIC WHOLESALE WSD 6	LEAVENWORTH	1
KS2001532	PUBLIC WHOLESALE WSD 8	BUTLER	125
KS2013913	QUENEMO, CITY OF	OSAGE	388
KS2006305	QUINTER, CITY OF	GOVE	918
KS2008901	RANDALL, CITY OF	JEWELL	65
KS2016126	RANDOLPH, CITY OF	RILEY	163
KS2013501	RANSOM, CITY OF	NESS	294
KS2005902	RANTOUL, CITY OF	FRANKLIN	184
KS2015901	RAYMOND, CITY OF	RICE	79
KS2011114	READING, CITY OF	LYON	231
KS2004111	RED BUD LAKE IMPROVEMENT DISTRICT	DICKINSON	56
KS2015510	RENO CO RWD 1	RENO	123
KS2015518	RENO CO RWD 101	RENO	200
KS2015516	RENO CO RWD 3	RENO	450
KS2015517	RENO CO RWD 4	RENO	300
KS2015508	RENO CO WATER DISTRICT 8	RENO	260
KS2015702	REPUBLIC CO RWD 1	REPUBLIC	396
KS2015711	REPUBLIC CO RWD 2	REPUBLIC	1,293
KS2015709	REPUBLIC, CITY OF	REPUBLIC	116
KS2001302	RESERVE, CITY OF	BROWN	84
KS2019304	REXFORD, CITY OF	THOMAS	232
KS2015908	RICE CO RWD 1	RICE	900
KS2005904	RICHMOND, CITY OF	FRANKLIN	464

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2016135	RILEY CO RWD 1	RILEY	1,431
KS2016124	RILEY, CITY OF	RILEY	939
KS2016119	RIVERCHASE MOBILE HOME PARK	RILEY	460
KS2001301	ROBINSON, CITY OF	BROWN	234
KS2014918	ROCKY FORD MOBILE HOME COURT	POTTAWATOMIE	243
KS2016136	ROCKY FORD WATER COMPANY INC	RILEY	52
KS2012902	ROLLA, CITY OF	MORTON	442
KS2017505	ROLLING HILLS LANDOWNERS ASSN	SEWARD	116
KS2016303	ROOKS CO RWD 1	ROOKS	87
KS2016306	ROOKS CO RWD 2	ROOKS	70
KS2016308	ROOKS CO RWD 3	ROOKS	380
KS2001520	ROSE HILL, CITY OF	BUTLER	3,931
KS2002105	ROSELAND, CITY OF	CHEROKEE	77
KS2017712	ROSSVILLE, CITY OF	SHAWNEE	1,151
KS2014502	ROZEL, CITY OF	PAWNEE	156
KS2016506	RUSH CENTER, CITY OF	RUSH	170
KS2016509	RUSH CO RWD 1	RUSH	150
KS2016707	RUSSELL CO RWD 1	RUSSELL	44
KS2016706	RUSSELL CO RWD 2	RUSSELL	30
KS2016704	RUSSELL CO RWD 3	RUSSELL	1,300
KS2016705	RUSSELL CO RWD 4	RUSSELL	90
KS2016703	RUSSELL, CITY OF	RUSSELL	4,506
KS2013101	SABETHA, CITY OF	NEMAHA	2,571
KS2016914	SALINA, CITY OF	SALINE	47,707
KS2016901	SALINE CO RWD 1	SALINE	80
KS2016911	SALINE CO RWD 2	SALINE	465
KS2016912	SALINE CO RWD 3	SALINE	843
KS2016913	SALINE CO RWD 4	SALINE	768
KS2016916	SALINE CO RWD 6	SALINE	93
KS2016917	SALINE CO RWD 7	SALINE	355
KS2016918	SALINE CO RWD 8	SALINE	298
KS2008102	SATANTA, CITY OF	HASKELL	1,133
KS2015101	SAWYER, CITY OF	PRATT	124
KS2002101	SCAMMON, CITY OF	CHEROKEE	482
KS2015710	SCANDIA, CITY OF	REPUBLIC	372
KS2005118	SCHOENCHEN, CITY OF	ELLIS	207
KS2017101	SCOTT CITY, CITY OF	SCOTT	3,816

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2013911	SCRANTON, CITY OF	OSAGE	710
KS2001903	SEDAN, CITY OF	CHAUTAUQUA	1,124
KS2017316	SEDGWICK CO RWD 1	SEDGWICK	1,275
KS2017315	SEDGWICK CO RWD 2	SEDGWICK	1,100
KS2017306	SEDGWICK CO RWD 3	SEDGWICK	5,145
KS2017338	SEDGWICK CO RWD 4	SEDGWICK	1,626
KS2007904	SEDGWICK, CITY OF	HARVEY	1,695
KS2017902	SELDEN, CITY OF	SHERIDAN	219
KS2013102	SENECA, CITY OF	NEMAHA	1,991
KS2007308	SEVERY, CITY OF	GREENWOOD	259
KS2019903	SHARON SPRINGS, CITY OF	WALLACE	748
KS2000708	SHARON, CITY OF	BARBER	158
KS2017704	SHAWNEE CO RWD 1C	SHAWNEE	4,160
KS2017713	SHAWNEE CO RWD 2C	SHAWNEE	700
KS2017717	SHAWNEE CO RWD 3C	SHAWNEE	1,785
KS2017718	SHAWNEE CO RWD 4C	SHAWNEE	12,000
KS2017708	SHAWNEE CO RWD 8	SHAWNEE	6,073
KS2017714	SILVER LAKE, CITY OF	SHAWNEE	1,439
KS2001519	SIMMONS SUBDIVISION SANITATION SYSTEM	BUTLER	80
KS2012307	SIMPSON, CITY OF	MITCHELL	86
KS2018303	SMITH CENTER, CITY OF	SMITH	1,665
KS2018305	SMITH CO RWD 1	SMITH	380
KS2008508	SOLDIER, CITY OF	JACKSON	136
KS2004105	SOLOMON, CITY OF	DICKINSON	1,095
KS2019104	SOUTH HAVEN, CITY OF	SUMNER	363
KS2015504	SOUTH HUTCHINSON, CITY OF	RENO	2,457
KS2005527	SOUTHWIND SUBDIVISION	FINNEY	1,015
KS2005712	SPEARVILLE, CITY OF	FORD	773
KS2014705	SPEED, CITY OF	PHILLIPS	37
KS2009504	SPIVEY, CITY OF	KINGMAN	78
KS2009120	SPRING HILL, CITY OF	JOHNSON	3,502
KS2002302	ST FRANCIS, CITY OF	CHEYENNE	1,329
KS2014917	ST GEORGE, CITY OF	POTTAWATOMIE	639
KS2018502	ST JOHN, CITY OF	STAFFORD	1,295
KS2014914	ST MARYS, CITY OF	POTTAWATOMIE	2,627
KS2013316	ST PAUL, CITY OF	NEOSHO	629
KS2018503	STAFFORD, CITY OF	STAFFORD	1,042

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2015902	STERLING, CITY OF	RICE	2,328
KS2016304	STOCKTON, CITY OF	ROOKS	1,329
KS2001701	STRONG CITY, CITY OF	CHASE	485
KS2005531	STUART JOHNSON RENTALS	FINNEY	72
KS2008103	SUBLETTE, CITY OF	HASKELL	1,453
KS2010321	SUBURBAN WATER COMPANY	LEAVENWORTH	3,332
KS2011702	SUMMERFIELD, CITY OF	MARSHALL	156
KS2019106	SUMNER CO RWD 1	SUMNER	350
KS2019107	SUMNER CO RWD 2	SUMNER	495
KS2019105	SUMNER CO RWD 3	SUMNER	85
KS2019103	SUMNER CO RWD 4	SUMNER	1,277
KS2019101	SUMNER CO RWD 5	SUMNER	1,452
KS2019110	SUMNER CO RWD 6	SUMNER	156
KS2019120	SUMNER CO RWD 7	SUMNER	25
KS2016910	SUNDOWNER WEST MOBILE HOME PARK	SALINE	220
KS2017506	SUPREME CATTLE FEEDERS MOBILE HOME PARK	SEWARD	25
KS2000901	SUSANK, CITY OF	BARTON	34
KS2010502	SYLVAN GROVE, CITY OF	LINCOLN	279
KS2015502	SYLVIA, CITY OF	RENO	218
KS2007502	SYRACUSE, CITY OF	HAMILTON	1,812
KS2014302	TESCOTT, CITY OF	OTTAWA	319
KS2013312	THAYER, CITY OF	NEOSHO	497
KS2017312	THE HARBOR	SEDGWICK	35
KS2014910	TIMBER CREEK EAST WATER DISTRICT	POTTAWATOMIE	350
KS2016504	TIMKEN, CITY OF	RUSH	76
KS2012310	TIPTON, CITY OF	MITCHELL	210
KS2010306	TONGANOXIE, CITY OF	LEAVENWORTH	4,996
KS2017701	TOPEKA, CITY OF	SHAWNEE	127,473
KS2020701	TORONTO, CITY OF	WOODSON	281
KS2001524	TOWANDA, CITY OF	BUTLER	1,450
KS2005502	TOWNS RIVERVIEW SUBDIVISION	FINNEY	860
KS2019503	TREGO CO RWD 1	TREGO	56
KS2019504	TREGO CO RWD 2	TREGO	1,295
KS2007102	TRIBUNE, CITY OF	GREELEY	741
KS2004304	TROY, CITY OF	DONIPHAN	1,010
KS2015503	TURON, CITY OF	RENO	387
KS2016117	TUTTLE CREEK WATER COMPANY	RILEY	81

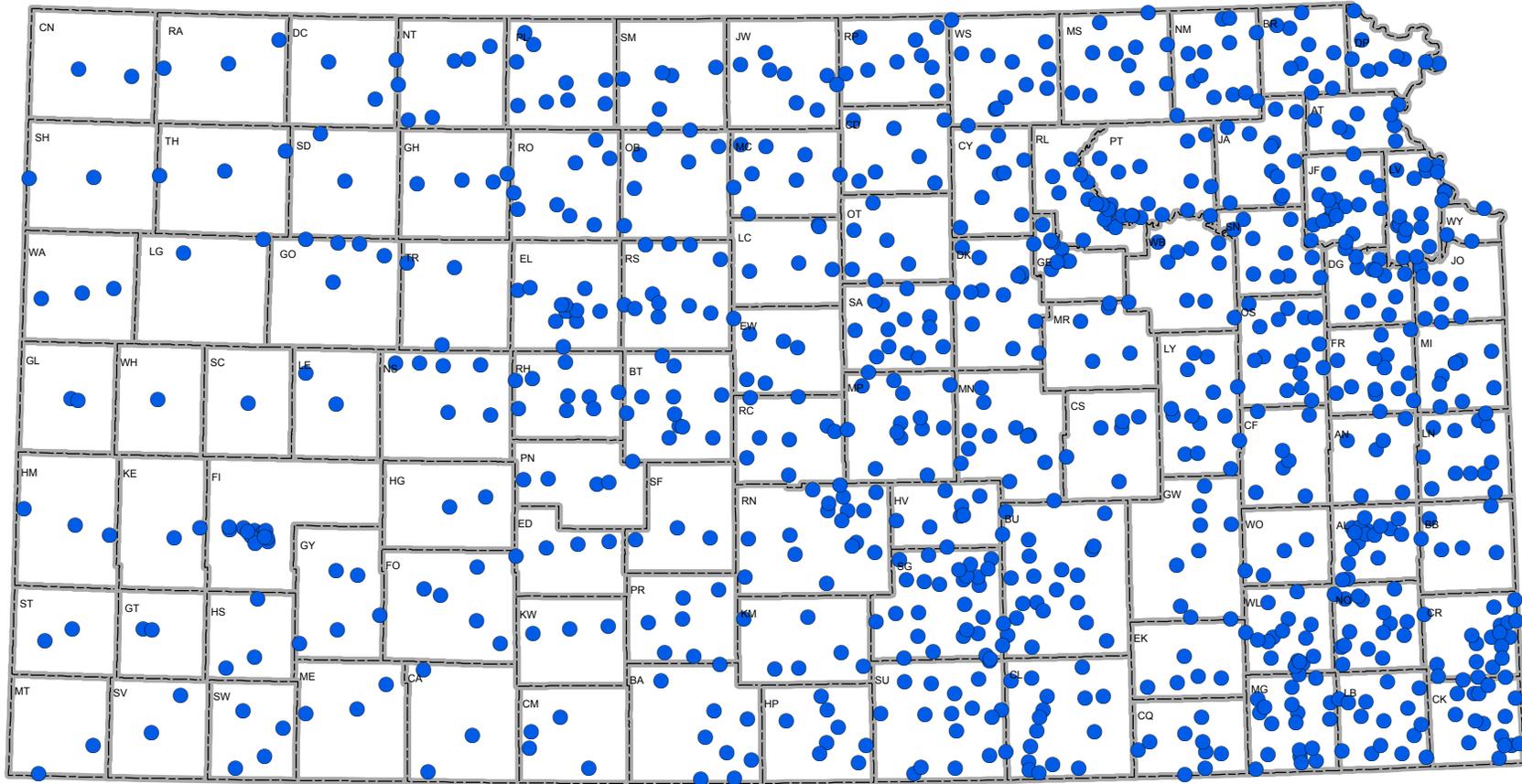
KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2016102	TUTTLE TERRACE TRAILER COURT	RILEY	50
KS2003510	UDALL, CITY OF	COWLEY	746
KS2006704	ULYSSES, CITY OF	GRANT	6,161
KS2001108	UNIONTOWN, CITY OF	BOURBON	272
KS2004513	UNIVERSITY OF KANSAS	DOUGLAS	35,000
KS2016103	UNIVERSITY PARK WATER DISTRICT	RILEY	199
KS2013502	UTICA, CITY OF	NESS	158
KS2017318	VALLEY CENTER, CITY OF	SEDGWICK	5,654
KS2008710	VALLEY FALLS, CITY OF	JEFFERSON	1,192
KS2011701	VERMILLION, CITY OF	MARSHALL	112
KS2005119	VICTORIA, CITY OF	ELLIS	1,214
KS2017313	VIOLA, CITY OF	SEDGWICK	130
KS2007307	VIRGIL, CITY OF	GREENWOOD	71
KS2019706	WABAUNSEE CO RWD 1	WABAUNSEE	365
KS2019711	WABAUNSEE CO RWD 2	WABAUNSEE	1,400
KS2019501	WAKEENEY, CITY OF	TREGO	1,862
KS2002708	WAKEFIELD, CITY OF	CLAY	980
KS2016709	WALDO, CITY OF	RUSSELL	30
KS2019901	WALLACE CO RWD 1	WALLACE	200
KS2019902	WALLACE, CITY OF	WALLACE	57
KS2014923	WALNUT GROVE MHC BRENSING WHITE	POTTAWATOMIE	256
KS2014916	WALNUT GROVE MHC BROOKS	POTTAWATOMIE	203
KS2003701	WALNUT, CITY OF	CRAWFORD	220
KS2007908	WALTON, CITY OF	HARVEY	235
KS2014908	WAMEGO, CITY OF	POTTAWATOMIE	4,372
KS2020107	WASHINGTON CO RWD 1	WASHINGTON	1,093
KS2020113	WASHINGTON CO RWD 2	WASHINGTON	567
KS2020101	WASHINGTON, CITY OF	WASHINGTON	1,131
KS2009110	WATER DISTRICT 1 OF JOHNSON CO	JOHNSON	331,900
KS2011703	WATERVILLE, CITY OF	MARSHALL	680
KS2004308	WATHENA, CITY OF	DONIPHAN	1,364
KS2003108	WAVERLY, CITY OF	COFFEY	592
KS2002114	WEIR, CITY OF	CHEROKEE	686
KS2019119	WELLINGTON, CITY OF	SUMNER	8,172
KS2005916	WELLSVILLE, CITY OF	FRANKLIN	1,857
KS2015519	WEST HILLS SUBDIVISION	RENO	60
KS2002115	WEST MINERAL, CITY OF	CHEROKEE	185

KANSAS COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2015506	WESTERN ACRES MOBILE HOME COURT	RENO	30
KS2014909	WESTMORELAND, CITY OF	POTTAWATOMIE	778
KS2013111	WETMORE, CITY OF	NEMAHA	368
KS2105538	WHEATLAND ELECTRIC COOPERATIVE INC	FINNEY	1
KS2012703	WHITE CITY, CITY OF	MORRIS	618
KS2004309	WHITE CLOUD, CITY OF	DONIPHAN	176
KS2005536	WHITEHURST TRAILER PARK	FINNEY	110
KS2001523	WHITEWATER, CITY OF	BUTLER	718
KS2008513	WHITING, CITY OF	JACKSON	187
KS2017308	WICHITA, CITY OF	SEDGWICK	382,368
KS2005914	WILLIAMSBURG, CITY OF	FRANKLIN	397
KS2001311	WILLIS, CITY OF	BROWN	38
KS2012705	WILSEY, CITY OF	MORRIS	153
KS2020515	WILSON CO RWD 1	WILSON	307
KS2020510	WILSON CO RWD 10	WILSON	808
KS2020519	WILSON CO RWD 11	WILSON	833
KS2020501	WILSON CO RWD 12	WILSON	123
KS2020512	WILSON CO RWD 13	WILSON	223
KS2020514	WILSON CO RWD 2	WILSON	194
KS2020503	WILSON CO RWD 3	WILSON	25
KS2020504	WILSON CO RWD 4	WILSON	293
KS2020507	WILSON CO RWD 5	WILSON	110
KS2020505	WILSON CO RWD 6	WILSON	30
KS2020516	WILSON CO RWD 7	WILSON	460
KS2020524	WILSON CO RWD 8	WILSON	32
KS2020506	WILSON CO RWD 9	WILSON	447
KS2005301	WILSON, CITY OF	ELLSWORTH	781
KS2008701	WINCHESTER, CITY OF	JEFFERSON	551
KS2011314	WINDOM, CITY OF	MCPHERSON	130
KS2003513	WINFIELD, CITY OF	COWLEY	12,301
KS2010903	WINONA, CITY OF	LOGAN	162
KS2004117	WOODBINE, CITY OF	DICKINSON	170
KS2020703	WOODSON CO RWD 1	WOODSON	1,773
KS2016307	WOODSTON, CITY OF	ROOKS	136
KS2020702	YATES CENTER, CITY OF	WOODSON	1,417
KS2009506	ZENDA, CITY OF	KINGMAN	90

COMMUNITY PUBLIC WATER SUPPLY



KANSAS NON-COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2106130	ACORNS RESORT	GEARY	25
KS2115904	ALDEN VILLAGE CAFE	RICE	25
KS2117326	ALL SEASONS RV PARK INC	SEDGWICK	70
KS2117509	ARKALON PARK	SEWARD	25
KS2017501	B AND B OVERNITE CAMP	SEWARD	25
KS2106127	B J'S 66	GEARY	25
KS2017348	BOUDREUX'S BURGER BARN	SUMNER	50
KS2114909	BROKEN ARROW RANCH	POTTAWATOMIE	25
KS2105515	BUFFALO DUNES GOLF COURSE	FINNEY	25
KS2100904	CAMP ALDRICH CONFERENCE CENTER	BARTON	25
KS2117105	CAMP CHRISTY	SCOTT	25
KS2107908	CAMP HAWK	HARVEY	25
KS2115524	CAMP KANZA	RENO	300
KS2119503	CEDAR BLUFF NORTH SHORE CABIN AREA	TREGO	26
KS2115532	CHENEY STATE PARK M AND M POINT	RENO	25
KS2115502	CHENEY STATE PARK MARINA	RENO	25
KS2112904	CIMARRON RECREATION AREA	MORTON	25
KS2104504	CLINTON RESERVOIR	DOUGLAS	25
KS2115505	DUTCH KITCHEN	RENO	325
KS2117337	EBERLY FARM INC	SEDGWICK	200
KS2107304	FALL RIVER RES WHITEHALL BAY WS	GREENWOOD	25
KS2014504	FORT LARNED NATIONAL HISTORIC SITE	PAWNEE	25
KS2114503	FORT LARNED PICNIC AREA	PAWNEE	25
KS2104108	FOUR SEASONS RV ACRES	DICKINSON	25
KS2119303	FREE BREAKFAST INN	THOMAS	25
KS2105524	GARDEN CITY AIRPORT	FINNEY	25
KS2105724	GUNSMOKE TRAVLPARK	FORD	25
KS2114701	HANSEN BSA CAMP	PHILLIPS	25
KS2107909	HARVEY CO WEST PARK EAST WELL 2	HARVEY	26
KS2107906	HARVEY CO WEST PARK WEST WELL 1	HARVEY	26
KS2110901	HIGH PLAINS CAMPING	THOMAS	25
KS2108303	HORSETHIEF RESERVOIR BENEFIT DISTRICT	HODGEMAN	25
KS2002122	HYZ INC HAI YING	CHEROKEE	25
KS2108302	JETMORE MOTORPLEX	HODGEMAN	25
KS2119302	JJ OIL CO	THOMAS	25
KS2005308	KANOPOLANES MOBILE PARK, LLC	ELLSWORTH	126
KS2115528	KANSAS BIBLE CAMP	RENO	200

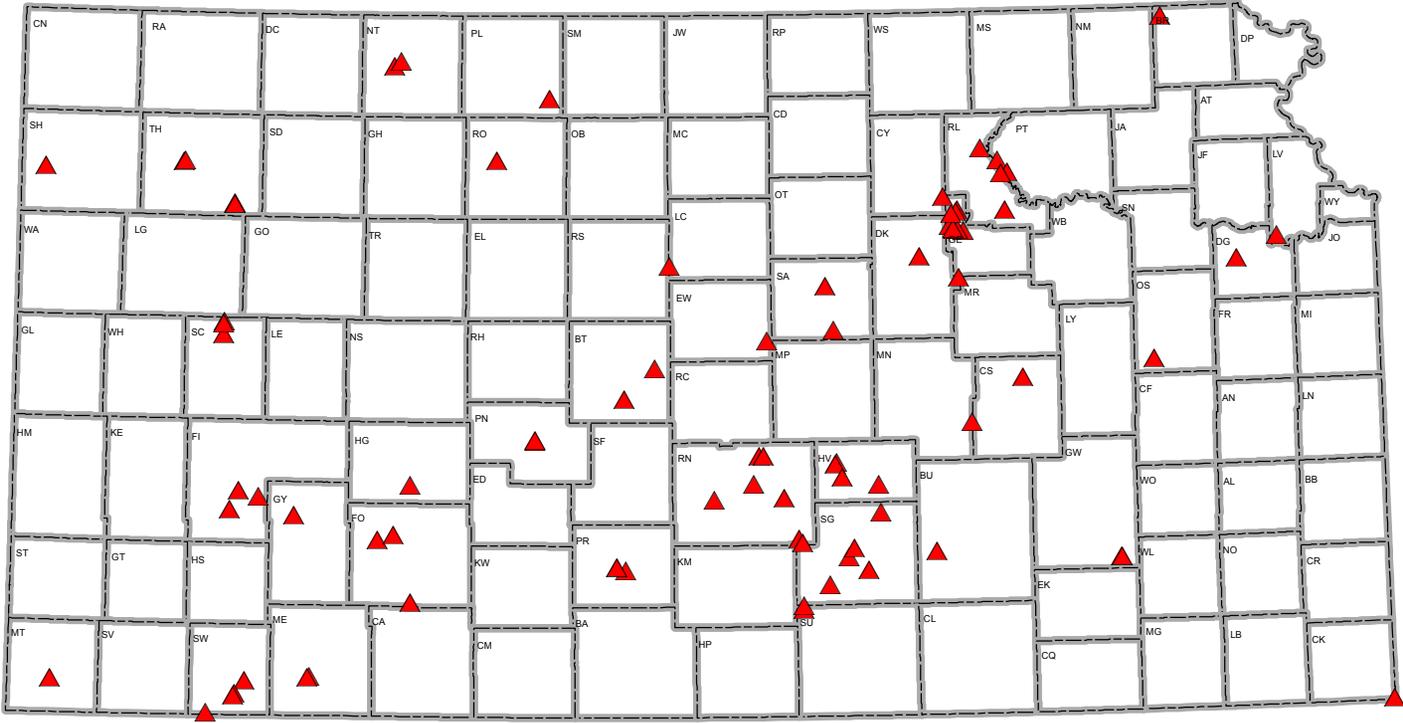
KANSAS NON-COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2115512	KANSAS BIBLE CAMP EAST	RENO	50
KS2105725	KDOT BLOOM REST AREA WB 63511	FORD	25
KS2119308	KDOT COLBY REST AREA EB 32512	THOMAS	25
KS2119307	KDOT COLBY REST AREA WB 32511	THOMAS	25
KS2118103	KDOT GOODLAND REST AREA WB 32515	SHERMAN	25
KS2106903	KDOT INGALLS REST AREA 63502	GRAY	25
KS2113702	KDOT NORTON RESERVOIR REST AREA 31515	NORTON	25
KS2117508	KDOT SEWARD CO WEIGH STATION 64030	SEWARD	25
KS2100912	KIOWA KITCHEN	BARTON	25
KS2116907	LAKESIDE RECREATIONAL PARK	SALINE	50
KS2117106	LAKESIDE UNITED METHODIST CENTER	SCOTT	25
KS2116306	LAKEVIEW CHRISTIAN CAMP	ROOKS	25
KS2104502	LAWRENCE KTA	DOUGLAS	25
KS2114910	LIVING WATER RANCH	POTTAWATOMIE	40
KS2111901	MEADE STATE PARK WATER SUPPLY 1	MEADE	150
KS2111902	MEADE STATE PARK WATER SUPPLY 2	MEADE	25
KS2113903	MELVERN RES ARROW ROCK	OSAGE	25
KS2111513	MORNING STAR RANCH	MARION	35
KS2017340	NORTH STAR RV PARK AND MOBILE HOME COMM	SEDGWICK	25
KS2100916	ODIN STORE	BARTON	25
KS2116910	OUTLAWS	SALINE	25
KS2115109	PARK HILLS COUNTRY CLUB	PRATT	25
KS2017346	PENALTY BOX LLC	SEDGWICK	65
KS2116112	POSSIE'S PLACE	RILEY	25
KS2113701	PRAIRIE DOG STATE PARK	NORTON	25
KS2107302	QUARRY BAY WATER SUPPLY	GREENWOOD	25
KS2101901	QUIVIRA SCOUT RANCH	CHAUTAUQUA	25
KS2115110	RICKS RESTAURANT	PRATT	25
KS2105530	RJ'S RV PARK LLC	FINNEY	50
KS2106114	ROCK SPRINGS 4H CENTER	GEARY	63
KS2117101	SCOTT STATE PARK WS 1	SCOTT	25
KS2105715	SPARE TYME BOWL	FORD	25
KS2107902	SPRING LAKE RESORT	HARVEY	150
KS2116114	STAGG HILL GOLF CLUB, INC	RILEY	50
KS2119102	SUPPESVILLE COASTAL	SUMNER	100
KS2119103	SUPPESVILLE GOLF COURSE AND RESTAURANT	SUMNER	40
KS2101303	SYCAMORE SPRINGS RESORT, INC	BROWN	25

KANSAS NON-COMMUNITY PUBLIC WATER SUPPLIES

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2101704	TALLGRASS PRAIRIE NATIONAL PRESERVE	CHASE	50
KS2115108	THE EVERGREEN MOTEL	PRATT	25
KS2106113	THUNDERBIRD MARINA	GEARY	25
KS2116105	TUTTLE CREEK RESERVOIR COE STOCKDALE PRK	RILEY	25
KS2106105	US ARMY COE MILFORD ADMIN OFFICE	GEARY	25
KS2106104	US ARMY COE MILFORD CURTIS CREEK	GEARY	25
KS2106103	US ARMY COE MILFORD FARNUM CREEK	GEARY	80
KS2106101	US ARMY COE MILFORD ROLLING HILLS	GEARY	25
KS2106110	US ARMY COE MILFORD SCHOOL CREEK	GEARY	25
KS2106106	US ARMY COE MILFORD TIMBER CREEK 2	GEARY	25
KS2117510	WESTERN STAR RV RANCH	SEWARD	25
KS2101504	WHEATSTATE CAMP	BUTLER	25
KS2016710	WILSON LAKE ESTATES	RUSSELL	25
KS2117351	YMCA CAMP HYDE INC	SEDGWICK	300
KS2115533	YODER MEATS	RENO	45

NON COMMUMUNITY PUBLIC WATER SUPPLY



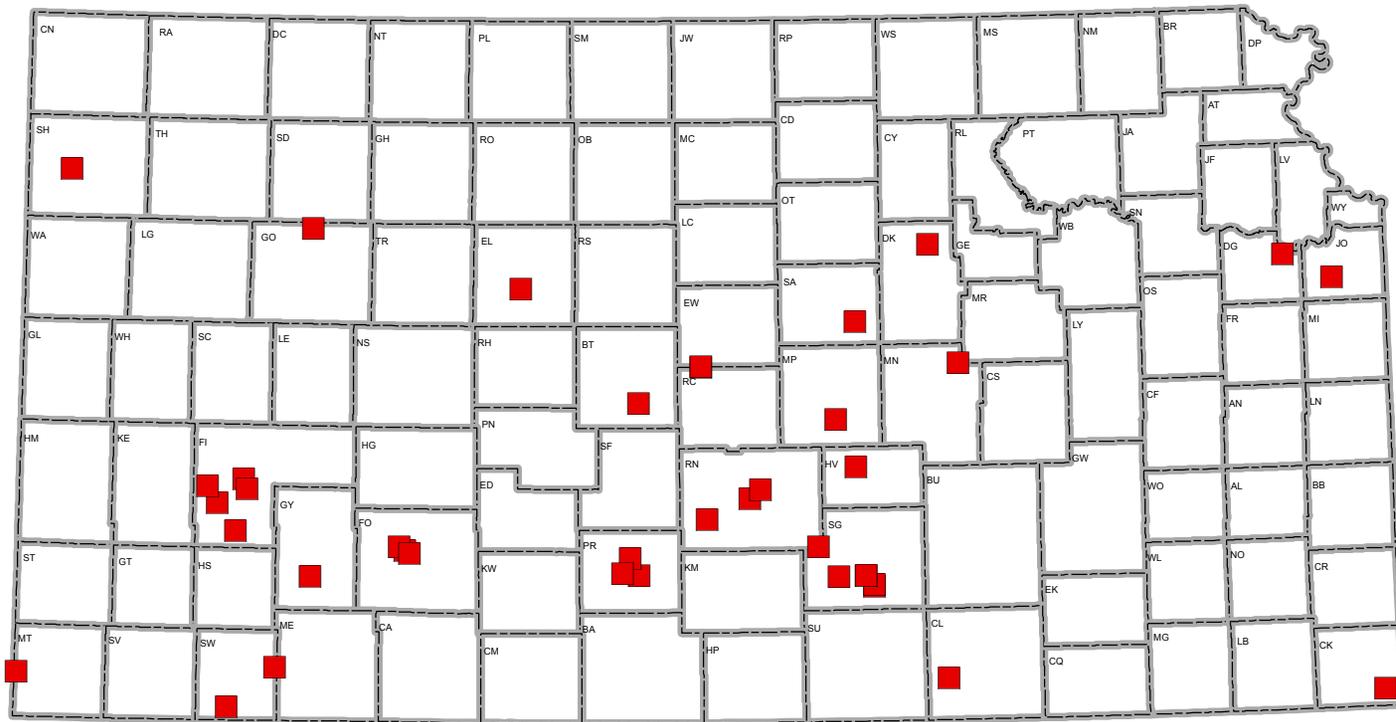
**KANSAS NON-TRANSIENT NON-COMMUNITY
PUBLIC WATER SUPPLIES**

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2117314	AIR PRODUCTS AND CHEMICALS	SEDGWICK	60
KS2104105	BLUE RIDGE ELEMENTARY SCHOOL	DICKINSON	62
KS2104506	BUILDING BLOCKS DAY CARE CENTER LLC	DOUGLAS	125
KS2105716	CARGILL MEAT SOLUTIONS CORP	FORD	2,600
KS2111501	CENTRE HIGH SCHOOL	MARION	181
KS2112902	COLORADO INTERSTATE GAS-RICHFIELD	MORTON	28
KS2100906	DOONAN SPECIALIZED TRAILER LLC	BARTON	37
KS2111311	ELYRIA CHRISTIAN SCHOOL	MCPHERSON	250
KS2115514	FAIRFIELD HIGH SCHOOL	RENO	300
KS2116115	FORT RILEY MULTI PURPOSE RANGE COMPLEX	GEARY	970
KS2107904	GARDEN VIEW CHRISTIAN SCHOOL	HARVEY	25
KS2100910	GREAT BEND INDUSTRIAL PARK	BARTON	750
KS2115537	HAVEN STEEL PRODUCTS INC	RENO	100
KS2105518	JENNIE BARKER ELEM SCHOOL	FINNEY	146
KS2115106	KDWP OPERATIONS MAINTENANCE SECT	PRATT	90
KS2105105	KSU AGRICULTURAL RESEARCH CENTER	ELLIS	35
KS2117330	LAKESIDE ACADEMY OF KANSAS	SEDGWICK	50
KS2106902	MONTEZUMA MENNONITE SCHOOL	GRAY	35
KS2117502	NATIONAL BEEF PACKING CO LLC LIBERAL	SEWARD	3,086
KS2105718	NATIONAL BEEF PACKING COMPANY LLC DODGE	FORD	3,000
KS2009107	NEW CENTURY AIR CENTER	JOHNSON	500
KS2115905	NORTHERN NATURAL GAS BUSHTON	RICE	70
KS2118101	NORTHERN SUN ADM	SHERMAN	28
KS2117313	OCCIDENTAL CHEMICAL CORP	SEDGWICK	285
KS2105313	ONEOK HYDROCARBON LP	ELLSWORTH	40
KS2115515	PARTRIDGE GRADE SCHOOL	RENO	160
KS2105519	PIERCEVILLE PLYMELL SCHOOL	FINNEY	85
KS2106711	PIONEER NATURAL RESOURCES	GRANT	52
KS2115517	PLEASANTVIEW ACADEMY	RENO	56
KS2115101	PRATT AIRPORT	PRATT	175
KS2100913	REDBARN PET PRODUCTS	BARTON	30
KS2102102	RIVERTON SCHOOL	CHEROKEE	840
KS2115105	SKYLINE SCHOOL	PRATT	460
KS2116905	SOUTHEAST SALINE SCHOOLS	SALINE	700
KS2117503	SOUTHWESTERN HEIGHTS HIGH SCHOOL	SEWARD	440
KS2115513	ST JOSEPH CATHOLIC SCHOOL	RENO	100

**KANSAS NON-TRANSIENT NON-COMMUNITY
PUBLIC WATER SUPPLIES**

NUMBER	PUBLIC WATER SUPPLY	COUNTY	POPULATION
KS2117334	ST PETER OLD SCHOOL	SEDGWICK	25
KS2117354	ST PETER'S ELEMENTARY SCHOOL	SEDGWICK	485
KS2003514	STROTHER FIELD AIRPORT IND PARK	COWLEY	1,534
KS2105528	SUNFLOWER ELECTRIC POWER CORP	FINNEY	140
KS2105526	SW KS RESEARCH EXTENSION CENTER	FINNEY	25
KS2105525	TYSON FRESH MEATS, INC	FINNEY	2,900
KS2106304	WHEATLAND HIGH SCHOOL	GOVE	125
KS2105720	WILROADS GARDEN SCHOOL	FORD	130

NON TRANSIENT NON COMMUNITY PUBLIC WATER SUPPLY



This page intentionally left blank.

APPENDIX B

2011 PUBLIC WATER SUPPLY SYSTEMS SUMMARY OF VIOLATIONS



Our Vision – Healthy Kansans living in safe and sustainable environments.

2011 VIOLATION TABLE DEFINITIONS

Maximum Contaminant Level (MCL): The highest amount of a contaminant that is allowed in drinking water. MCLs ensure that drinking water does not pose either a short- or long-term health risk. MCLs are defined in milligrams per liter (parts per million) unless otherwise specified.

Monitoring: Regulations specify which water testing method the water systems must use, and set schedules for the frequency of testing. A water system that does not follow this schedule or methodology is in violations of [40 CFR 141]. States must report significant monitoring violations as determined by the EPA administrator and in consultation with the State. For purposes of this report, significant monitoring violations are major violations and they occur when no samples are taken or no results are reported during a specific compliance period. A major monitoring violation for the surface water treatment rule occurs when at least 90 percent of the required samples are not taken or results are not reported during the specific compliance period.

Treatment Technique (TT): A water disinfection process that is required instead of an MCL for contaminants that laboratories cannot adequately measure. Failure to meet other operational and system requirements under the surface water treatment rule (SWTR) and lead and copper rule have also been included in this category of violations for this report.

Filtered Systems: Water systems that have installed filtration treatment in accordance with [40 CFR 141, Subpart H].

Unfiltered Systems: Systems that do not need to filter water before disinfecting because the source is very clean in accordance with [40 CFR, Subpart H].

Violation: A failure to meet any state or federal drinking water regulation. Most violations require the water system to provide consumers with public notification of the violation.

2011 ORGANIC CONTAMINANTS (VOC/SOC) Page 1 of 2

Carbon-based compounds, such as industrial solvents and pesticides. These contaminants generally get into water through discharge from factories or runoff from cropland. Regulations set legal limits on 54 organic contaminants that are to be reported [40 CFR 141.61].

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
1,1,1-Trichloroethane	0.02						
1,1-Dichloroethylene	0.007						
1,1,2-Trichloroethane	0.005						
1,2,4-Trichlorobenzene	0.07						
1,2-Dibromo-3-chloropropane (DBCP)	0.0002						
1,2-Dichloroethane	0.005						
1,2-Dichloropropane	0.005						
2,3,7,8-TCDD (Dioxin)	3x10-8						
2,4,5-TP	0.05						
2,4-D	0.07						
Acrylamide							
Alachlor	0.002						
Atrazine	0.003						
Benzene	0.005						
Benzo[a]pyrene	0.0002						
Carbofuran	0.04						
Carbon tetrachloride	0.005						
Chlordane	0.002						
cis-1,2-Dichloroethylene	0.07						
Dalapon	0.2						
Di(2ethylhexyl)adipate	0.4						
Di(2-ethylhexyl)phthalate	0.006						
Dichloromethane	0.005						
Dinoseb	0.007						
Diquat	0.02						
Endothall	0.1						
Endrin	0.002						
Epichlorohydrin							
Ethylbenzene	0.7						
Ethylene dibromide	0.00005					1	1
Glyphosate	0.7						
Heptachlor	0.0004						

2011 ORGANIC CONTAMINANTS (VOC/SOC) Page 2 of 2

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
Heptachlor epoxide	0.0002						
Hexachlorobenzene	0.001						
Hexachlorocyclopentadiene	0.05						
Lindane	0.002						
Methoxychlor	0.04						
Monochlorobenzene	0.1						
Para-Dichlorobenzene	0.075						
Total polychlorinated biphenyls	0.0005						
Pentachlorophenol	0.001						
Tetrachloroethylene	0.005						
Trichloroethylene	0.005						
Styrene	0.1						
Toluene	1						
trans-1,2-Dichloroethylene	0.1						
Xylenes (total)	10						
Toxaphene	0.003						
Oxamyl (Vydate)	0.2						
Picloram	0.5						
Simazine	0.004						
Vinyl chloride	0.002						
Disinfection by-products							
Failure to provide monitoring plan	N/A						
Chlorine - MRDL	4					1	1
Chlorine Dioxide	0.8						
Chlorite/ClO2	1						
Haloacetic Acids (HAA5)	0.06	25	10				
Total Organic Carbon (TOC)	N/A			16	5	2	2
Total Trihalomethanes	0.08	36	13				
TOTAL		61	23	16	5	4	4

* Values are in milligrams per liter (mg/L), unless otherwise specified

** Shaded areas indicate a violation is not applicable in this category

2011 INORGANIC CONTAMINANTS (IOC)

Non-carbon-based compounds such as metals, nitrates and asbestos. These contaminants are naturally-occurring in some water, but can get into water through farming, chemical manufacturing, and other human activities. Regulations have established MCLs for 15 inorganic contaminants [40 CFR 141.62].

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
Antimony	0.006						
Arsenic	0.05	21	7				
Asbestos	7 million fibers/L						
Barium	2						
Beryllium	0.004						
Cadmium	0.005						
Chromium	0.1						
Cyanide	0.2						
Fluoride	4	2	1				
Mercury	0.002						
Nitrate	10 (as Nitrogen)	77	30			1	1
Nitrite	1 (as Nitrogen)						
Selenium	0.05	2	2				
Thallium	0.002						
Total Nitrate and Nitrite	10 (as Nitrogen)						
TOTAL		102	40			1	1

* Values are in milligrams per liter (mg/L), unless otherwise specified

** Shaded areas indicate a violation is not applicable in this category

2011 RADIONUCLIDE CONTAMINANTS

Radioactive particles can occur naturally in water or result from human activity. Regulations set legal limits on four types of radionuclides: radium-226, radium-228, gross alpha, and beta particle/photon radioactivity [40 CFR 141]. Violations for these contaminants are to be reported using the following three categories:

Gross alpha: A violation for alpha radiation above MCL of 15 picocuries/liter (Pci/l). Gross alpha includes radium-226 but excludes radon and uranium.

Combined radium-226 and radium-228: A violation for combined radiation from these two isotopes above the MCL of 5 pCi/L.

Gross beta: A violation for beta particles and photon radioactivity from man-made radionuclides above 4 millirem/year.

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
Gross alpha	15 pCi/l	3	2				
Combined Uranium	30pCi/l	21	6				
Combined Radium	5 pCi/l	1	1				
TOTAL		25	9			0	0

* Values are in milligrams per liter (mg/L), unless otherwise specified

** Shaded areas indicate a violation is not applicable in this category

2011 TOTAL COLIFORM (TCR) RULE

The Total Coliform Rule establishes regulations for microbiological contaminants in drinking water. These contaminants can cause short-term health problems. A significant monitoring violation occurs if no samples were collected during the one-month compliance period. States are to report four categories of violations.

Acute MCL violation: Fecal coliform or E. coli (potentially harmful bacteria) in the water.

Non-acute MCL violation: Total coliform in water samples at a frequency or at a level that violated the rule. More than one positive sample for total coliform is a violation for systems collection fewer than 40 samples per month. More than 4% positive samples for total coliform is a violation for systems collection 40 or more samples per month.

Major routine and follow-up monitoring: A violation where a system did not perform any monitoring. [One number is to be reported for the sum of violations for major routine and follow-up monitoring.]

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
Acute MCL Violation	Presence	1	1				
Non-acute MCL Violation	Presence	29	28				
Major routine and follow-up monitoring						42	35
Sanitary Survey						State initiates Sanitary Survey	State initiates Sanitary Survey
TOTAL		30	29			42	35

* Values are in milligrams per liter (mg/L), unless otherwise specified

** Shaded areas indicate a violation is not applicable in this category

2011 SURFACE WATER TREATMENT RULE (SWTR)

The SWTR establishes criteria which public water supply systems supplied by surface water, or ground water under the direct influence of surface water, must filter and disinfect the water [40 CRD 141, Subpart H]. Violations of the SWTR are to be reported for the following four categories:

Monitoring, routine/repeat (for filtered systems): Failure to carry out required water tests, or to report the results of those tests.

Treatment techniques (for filtered systems): Failure to properly treat water.

Monitoring, routine/repeat (for unfiltered systems): Failure to carry out required water tests, or to report the results of those tests.

Failure to filter (for unfiltered systems): Failure to properly treat water. Data for this violation code will be supplied to the states by EPA.

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
Filtered systems							
Monitoring, routine/repeat						1	1
Treatment techniques				12	5		
Unfiltered systems							
Monitoring, routine/repeat						1	1
Failure to filter							
TOTAL				12	5	2	2

* Values are in milligrams per liter (mg/L), unless otherwise specified

** Shaded areas indicate a violation is not applicable in this category

2011 LEAD AND COPPER RULE

The lead and copper rule established national limits on lead and copper in drinking water [40 CRD 141.80-91]. Lead and copper corrosion pose various health risks when ingested at any level and can enter drinking water from household pipes and plumbing fixtures. States report violations of the Lead and Copper Rule in the following categories:

Initial lead and copper tap M/R: Failure to meet initial lead and copper testing requirements or failure to report the results.

Follow-up or routine lead and copper tap M/R: Failure to meet follow-up or routine lead and copper tap testing requirements or failure to report the results.

Treatment Installation: Failure to install optimal corrosion control treatment system or source water treatment system which would reduce lead and copper levels in water at the tap. [One number is to be reported for the sum of violations in both categories.]

Lead service line replacement: Failure to replace lead service lines on the schedule required by the regulation.

Public education: Failure to provide required public education about reducing or avoiding lead intake from water.

Contaminant	MCL (mg/l)	MCLs		Treatment Techniques		Significant	
		Violations	Systems w/ Violations	Violations	Systems w/ Violations	Violations	Systems w/ Violations
Initial lead and copper tap M/R							
Follow-up or routine lead and copper tap M/R						15	15
Treatment Recommendation Violation							
Public Education							
TOTAL				0	0	15	15

* Values are in milligrams per liter (mg/L), unless otherwise specified

** Shaded areas indicate a violation is not applicable in this category

2011 CONSUMER CONFIDENCE (CCR) RULE

Specific numeric codes from the Safe Drinking Water Information System (SDWIS) have been assigned to each violation type included in this report. The violations to be reported include exceeding contaminant MCLs, failure to comply with treatment requirements, and failure to meet monitoring and reporting requirements. SDWIS Contaminant Codes have also been included in the chart for specific MCL contaminants.

TYPE CODE	Violation Name	Monitoring/ Reporting Violations	Monitoring/ Reporting Systems w/ Violations	Treatment Technique Violations	Treatment Technique Systems w/ Violations	Significant Monitoring/ Reporting Violations	Significant Monitoring/ Reporting Systems w/ Violations
71	Failure to Report					29	29
72	Report Inadequacy					3	3

** Shaded areas indicate a violation is not applicable in this category

APPENDIX C

2011 CONTAMINANT VIOLATIONS TABLES AND MAPS

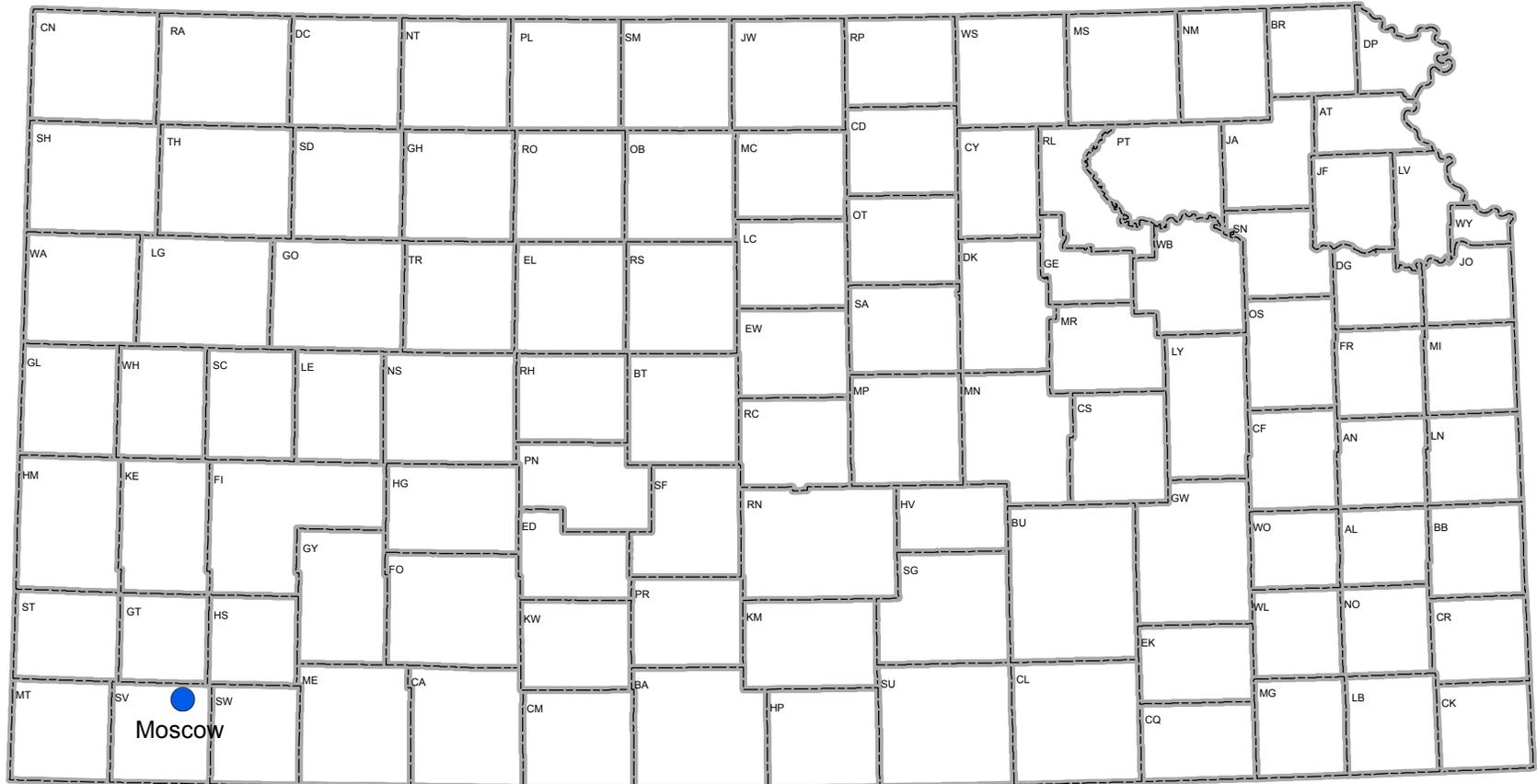


Our Vision – Healthy Kansans living in safe and sustainable environments.

2011 ETHYLENE DIBROMIDE MONITORING VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2018902	MOSCOW, CITY OF	STEVENS	310	1
TOTALS		1	310	1

2011 ETHYLENE DIBROMIDE MONITORING VIOLATION



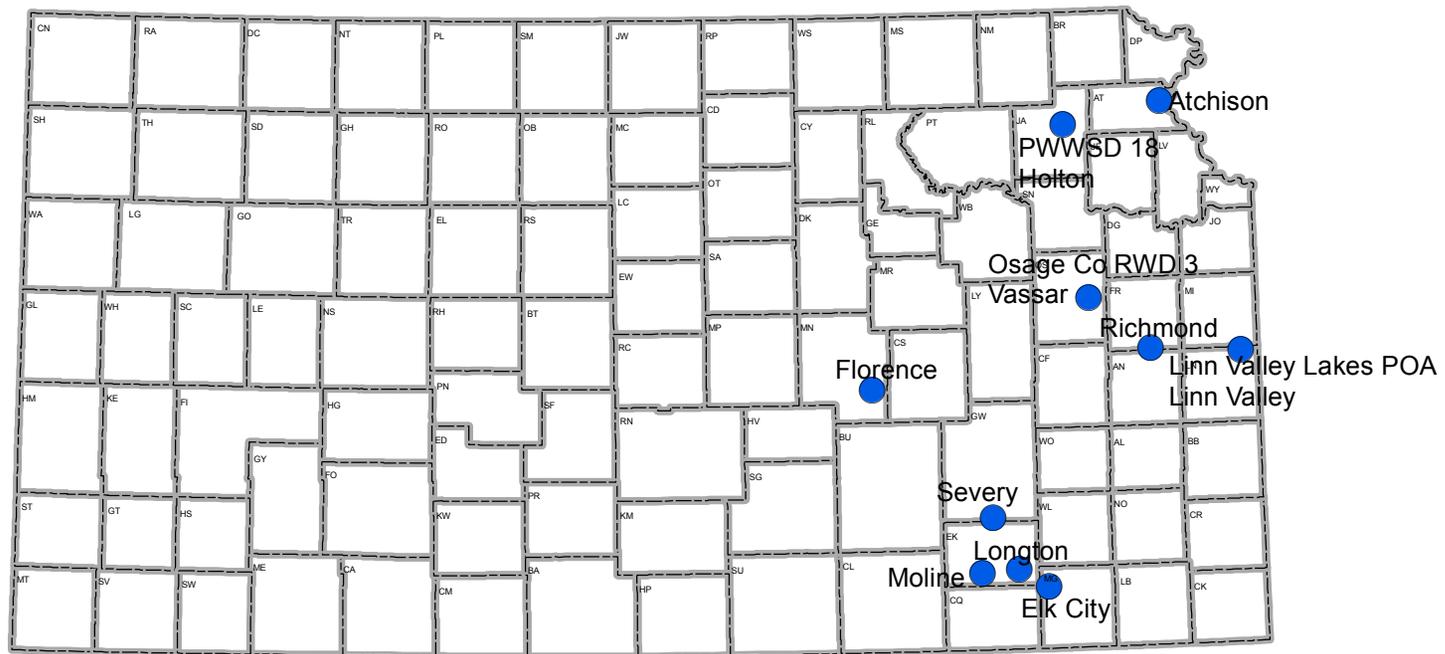
2011 CHLORINE STATE TREATMENT LEVEL VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2010712	LINN VALLEY LAKES POA	LINN	193	1
TOTALS		1	193	1

**2011 TOTAL HALOACETIC ACIDS (HAA5) MAXIMUM CONTAMINANT LEVEL (MCL)
VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2000506	ATCHISON, CITY OF	ATCHISON	11,021	2
KS2012520	ELK CITY,CITY OF	MONTGOMERY	325	4
KS2011503	FLORENCE, CITY OF	MARION	465	4
KS2010712	LINN VALLEY LAKES POA	LINN	193	2
KS2004903	LONGTON,CITY OF	ELK	348	4
KS2004902	MOLINE, CITY OF	ELK	371	1
KS2013910	OSAGE CO RWD 3	OSAGE	900	2
KS2008514	PUBLIC WHOLESALE WSD 18	JACKSON	1	1
KS2005904	RICHMOND, CITY OF	FRANKLIN	464	1
KS2007308	SEVERY, CITY OF	GREENWOOD	259	4
TOTALS		10	14,347	25

2011 TOTAL HALOACETIC ACIDS (HAA5) MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS



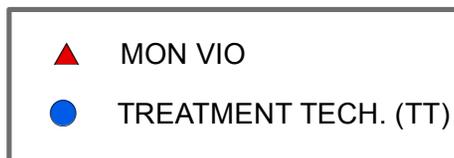
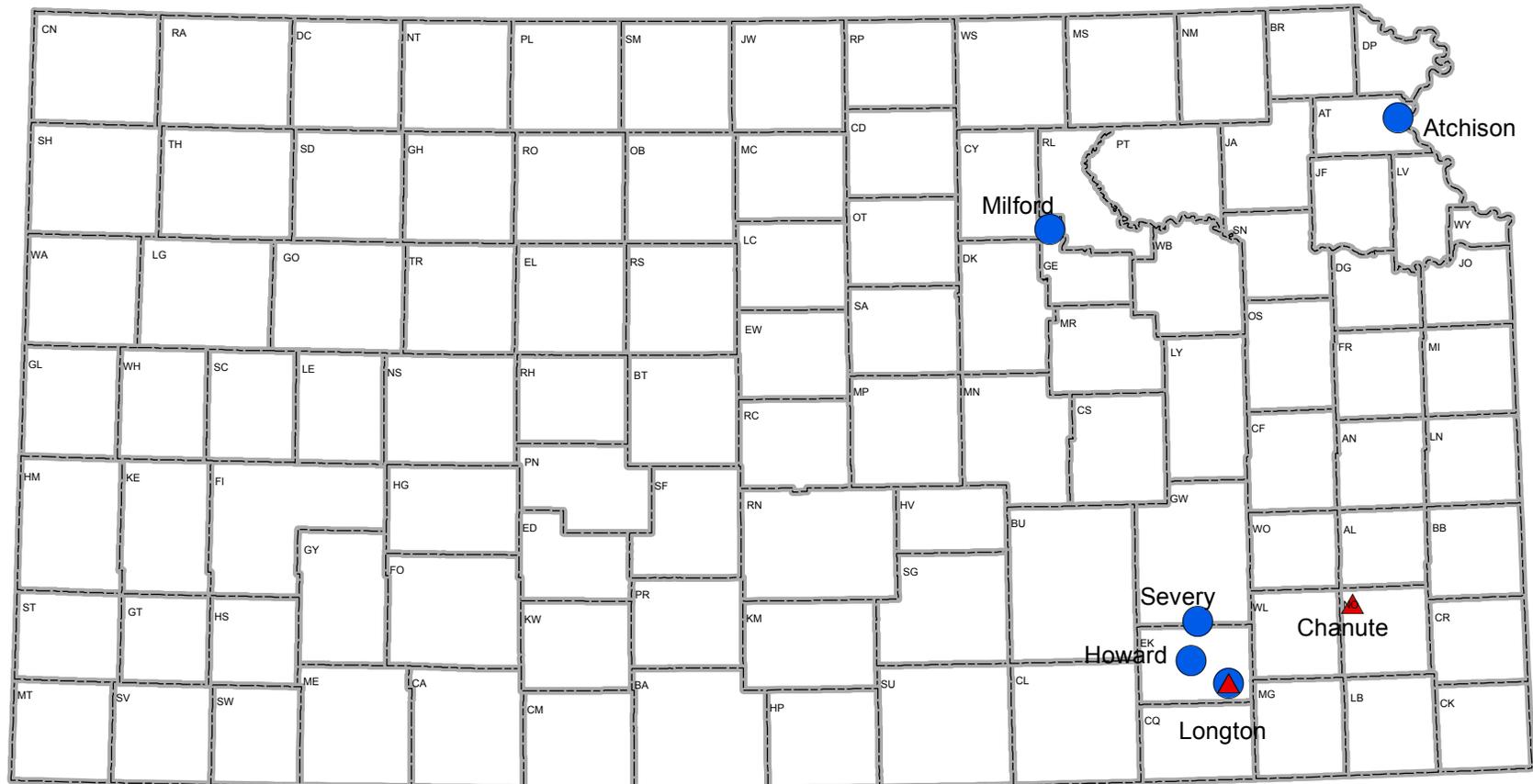
2011 TOTAL ORGANIC CARBON (TOC) TREATMENT TECHNIQUE VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2000506	ATCHISON, CITY OF	ATCHISON	11,021	3
KS2004901	HOWARD, CITY OF	ELK	687	3
KS2004903	LONGTON, CITY OF	ELK	348	4
KS2006109	MILFORD, CITY OF	GEARY	530	2
KS2007308	SEVERY, CITY OF	GRENWOOD	259	4
TOTALS		5	12,845	16

2011 TOTAL ORGANIC CARBON (TOC) MAJOR ROUTINE MONITORING VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2013307	CHANUTE, CITY OF	NEOSHO	9119	1
KS2004903	LONGTON, CITY OF	ELK	348	1
TOTALS		2	9,467	2

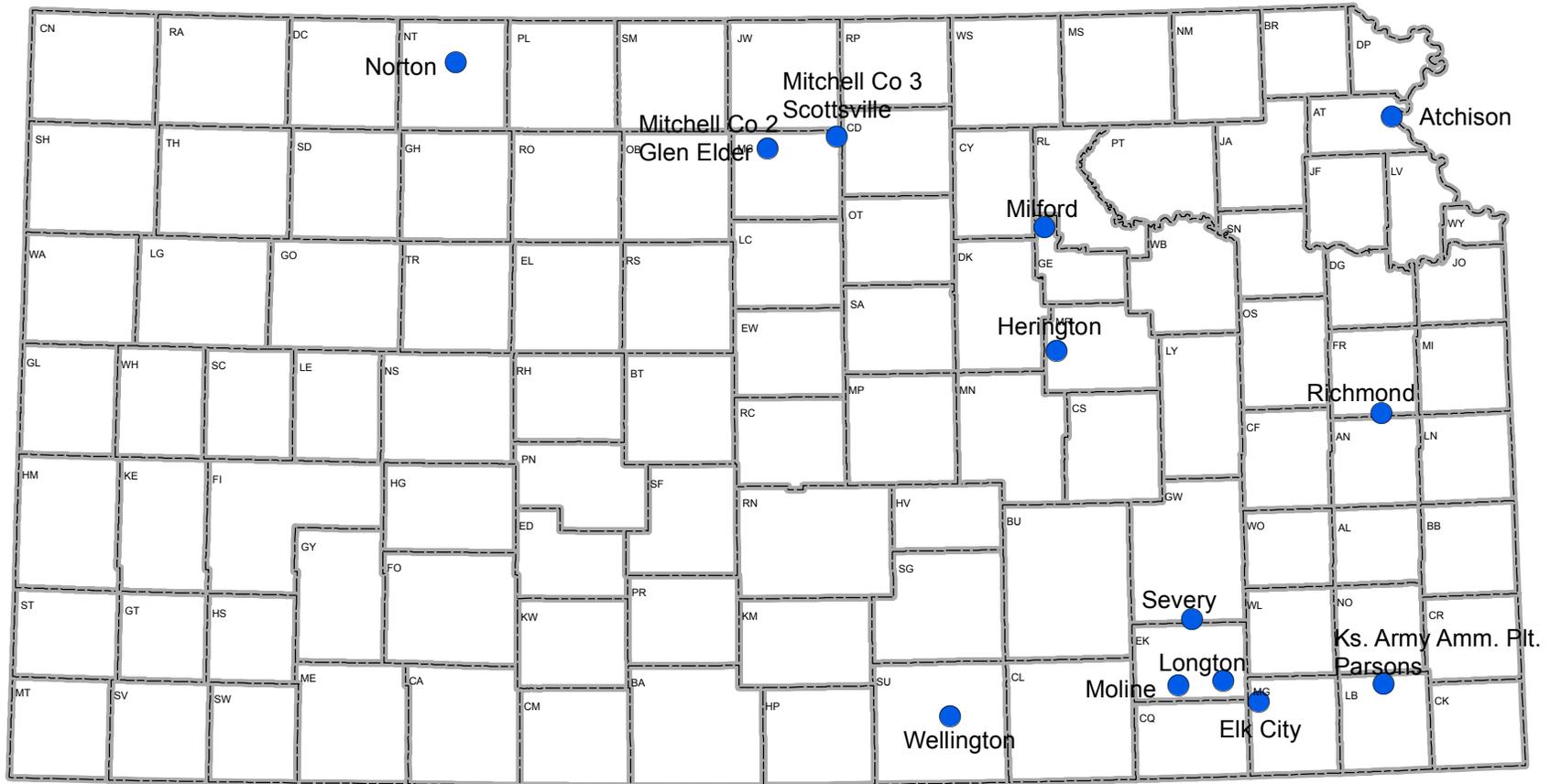
2011 TOTAL ORGANIC CARBON (TOC) TREATMENT TECHNIQUE AND MONITORING VIOLATIONS



**2011 TOTAL TRIHAOLMETHANES (TTHMS) MAXIMUM CONTAMINANT LEVEL (MCL)
VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2000506	ATCHISON, CITY OF	ATCHISON	11,021	2
KS2012520	ELK CITY, CITY OF	MONTGOMERY	325	2
KS2004102	HERINGTON, CITY OF	DICKINSON	2,526	3
KS2009911	KANSAS ARMY AMMUNITION PLANT	LABETTE	182	2
KS2004903	LONGTON, CITY OF	ELK	348	4
KS2006109	MILFORD, CITY OF	GEARY	530	4
KS2012304	MITCHELL CO RWD 2	MITCHELL	1,291	4
KS2012309	MITCHELL CO RWD 3	MITCHELL	2,950	4
KS2004902	MOLINE, CITY OF	ELK	371	1
KS2013702	NORTON, CITY OF	NORTON	2,928	2
KS2005904	RICHMOND, CIYT OF	FRANKLIN	464	1
KS2007308	SEVERY, CITY OF	GREENWOOD	259	4
KS2019119	WELLINGTON, CITY OF	SUMNER	8,172	3
TOTALS		13	31,367	36

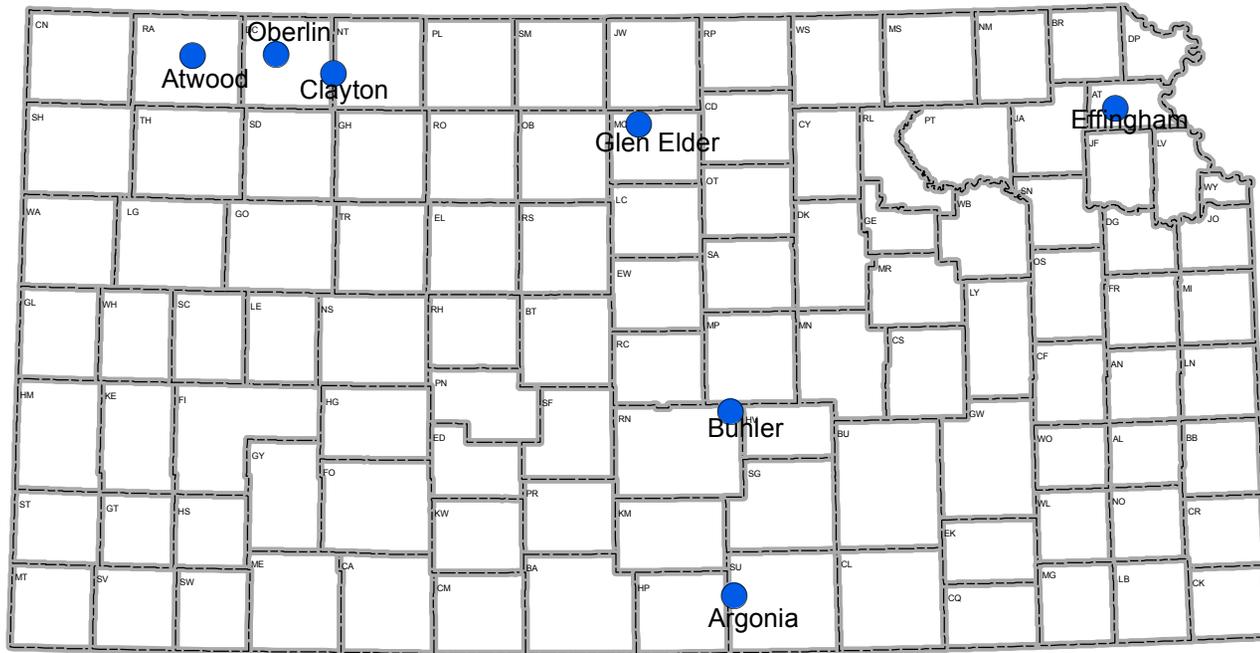
2011 TOTAL TRIHALOMETHANES (TTHMS) MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS



2011 ARSENIC MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2019116	ARGONIA, CITY OF	SUMNER	501	4
KS2015301	ATWOOD, CITY OF	RAWLINS	1,194	3
KS2015513	BUHLER, CITY OF	RENO	1,327	4
KS2013706	CLAYTON, CITY OF	NORTON	59	4
KS2000502	EFFINGHAM, CITY OF	ATCHISON	546	1
KS2012305	GLEN ELDER, CITY OF	MITCHELL	445	1
KS2003903	OBERLIN, CITY OF	DECATUR	1,788	4
TOTALS		7	5,860	21

2011 ARSENIC MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS



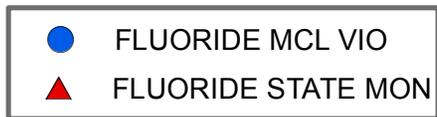
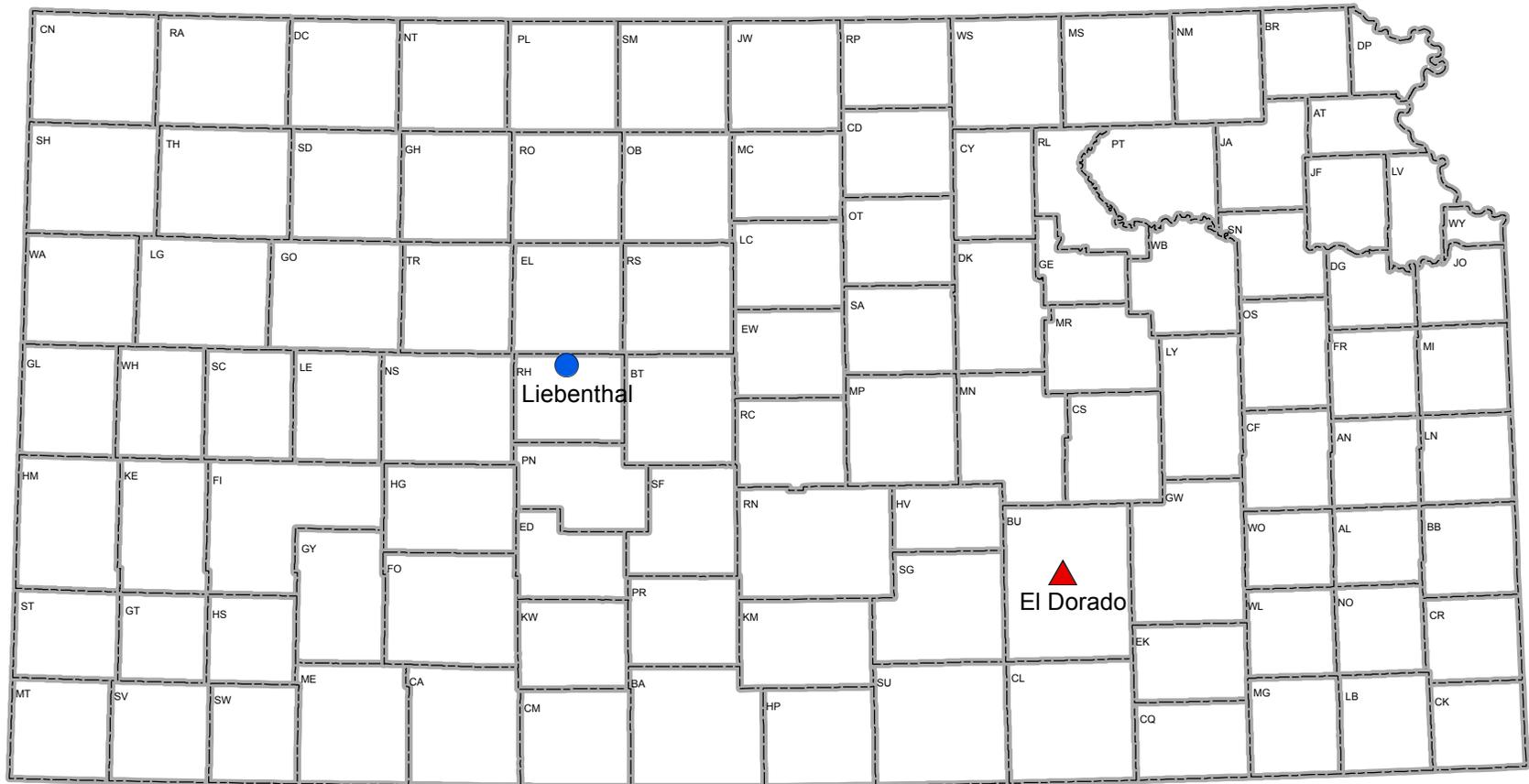
2011 FLUORIDE MAXIMUM CONTAMINANT LEVEL VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2016508	LIEBENTHAL, CITY OF	RUSH	103	2
TOTALS		1	103	1

2011 FLUORIDE MONITORING VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOALTIONS
KS2001511	EL DORADO, CITY OF	BUTLER	13,021	1
TOTALS		1	13,021	1

2011 FLUORIDE MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATION



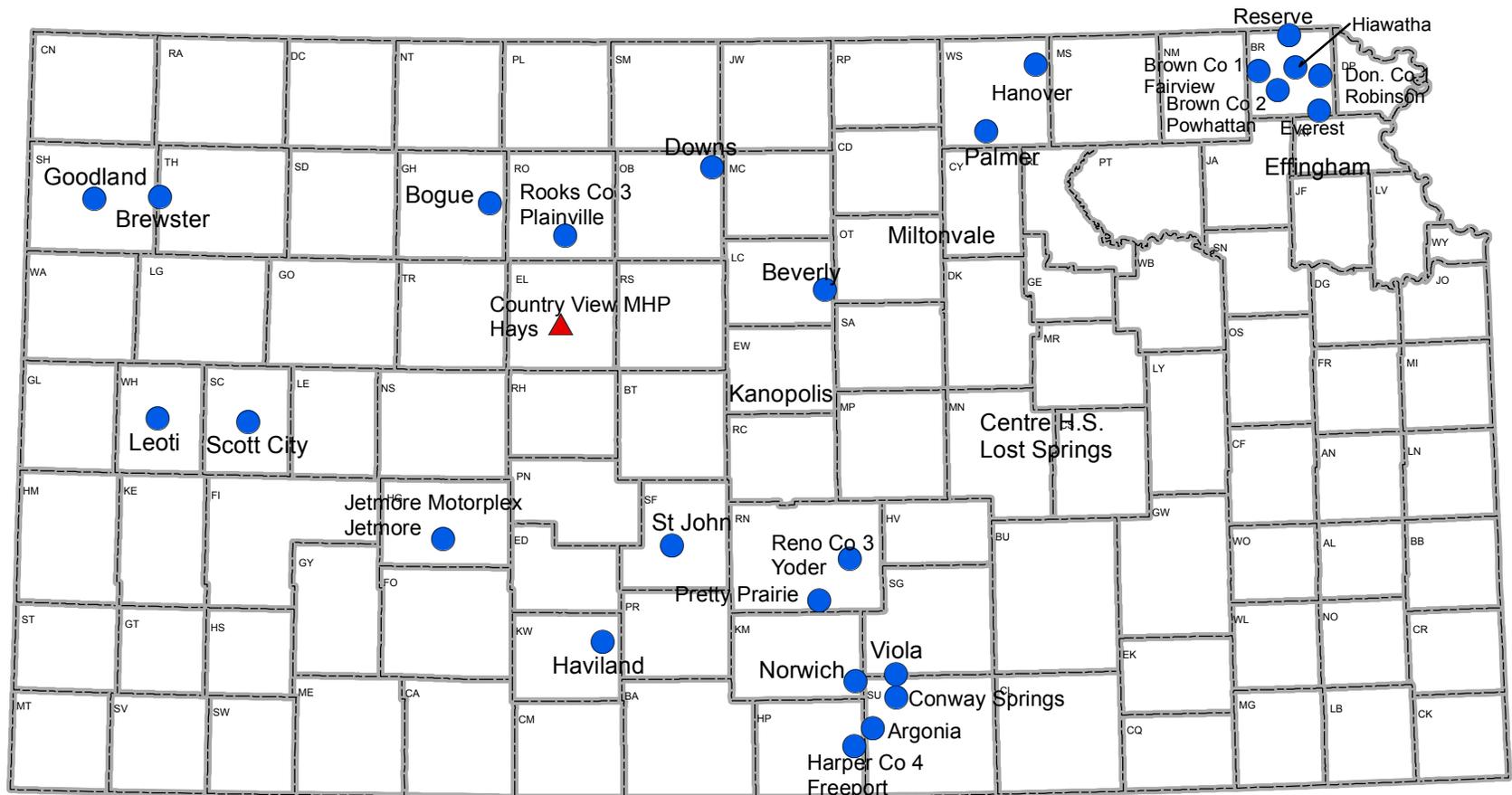
2011 NITRATE MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS

EPA#	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2019116	ARGONIA, CITY OF	SUMNER	501	4
KS2010504	BEVERLY, CITY OF	LINCOLN	162	4
KS2006504	BOGUE, CITY OF	GRAHAM	143	4
KS2019303	BREWSTER, CITY OF	THOMAS	305	1
KS2001304	BROWN CO RWD 1	BROWN	709	3
KS2001312	BROWN CO RWD 2	BROWN	724	3
KS2019118	CONWAY SPRINGS, CITY OF	SUMNER	1,272	1
KS2004305	DONIPHAN CO RWD 1	DONIPHAN	75	3
KS2014101	DOWNS, CITY OF	OSBORNE	900	1
KS2001308	EVEREST, CITY OF	BROWN	284	3
KS2018102	GOODLAND, CITY OF	SHERMAN	4,489	1
KS2020108	HANOVER, CITY OF	WASHINGTON	682	1
KS2007708	HARPER CO RWD 4	HARPER	320	4
KS2009703	HAVILAND, CITY OF	KIOWA	701	4
KS2001305	HIAWATHA, CITY OF	BROWN	3,172	3
KS2108302	JETMORE MOTORPLEX	HODGEMAN	25	1
KS2020301	LEOTI, CITY OF	WICHITA	1,534	4
KS2009505	NORWICH, CITY OF	KINGMAN	491	4
KS2020105	PALMER, CITY OF	WASHINGTON	111	4
KS2001303	POWHATTAN, CITY OF	BROWN	77	3
KS2015501	PRETTY PRAIRIE, CITY OF	RENO	680	4
KS2015516	RENO CO RWD 3	RENO	450	1
KS2001302	RESERVE, CITY OF	BROWN	84	1
KS2001301	ROBINSON, CITY OF	BROWN	234	4
KS2016308	ROOKS CO RWD 3	ROOKS	380	2
KS2017101	SCOTT CITY, CITY OF	SCOTT	3,816	4
KS2018502	ST JOHN, CITY OF	STAFFORD	1,295	2
KS2019101	SUMNER CO RWD 5	SUMNER	1,452	1
KS2017313	VIOLA, CITY OF	SEDGWICK	130	1
KS2020107	WASHINGTON CO RWD 1	WASHINGTON	1,093	1
TOTALS		30	26,291	77

2011 NITRATE MAJOR MONITORING VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2005121	COUNTRY VIEW MOBILE HOME PARK	LINCOLN	162	1
TOTALS		1	162	1

2011 NITRATE MAXIMUM CONTAMINANT LEVEL (MCL) AND MONITORING VIOLATIONS

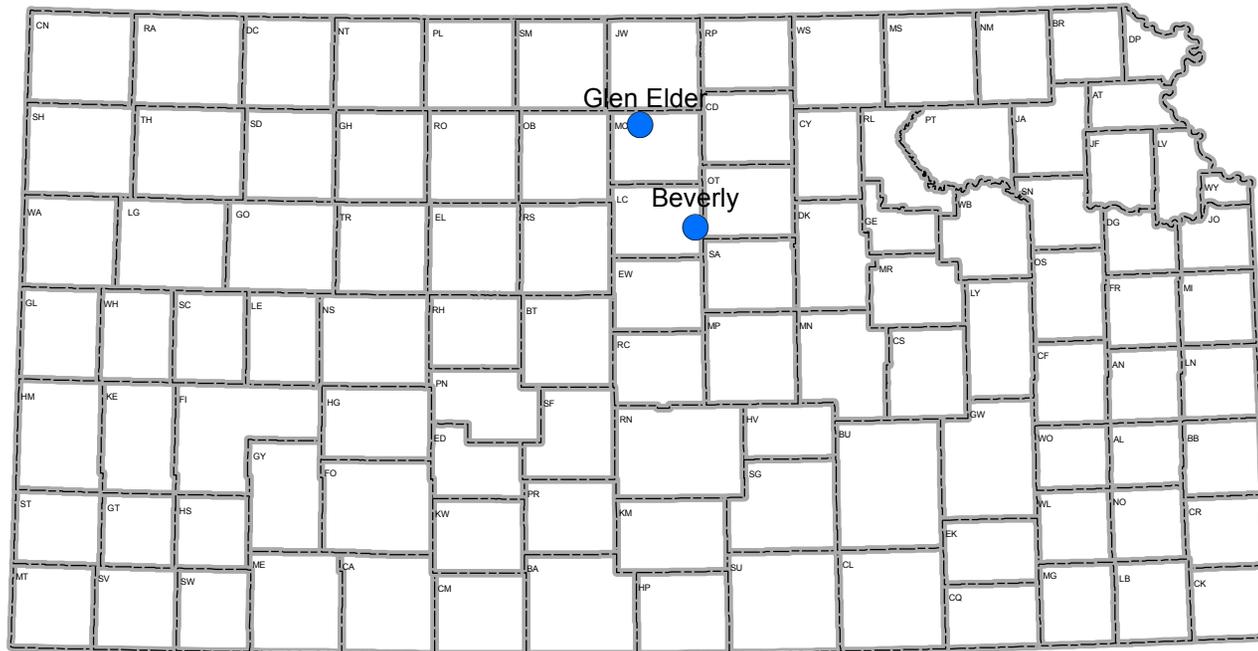


This page intentionally left blank.

2011 SELENIUM MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2010504	BEVERLY, CITY OF	LINCOLN	162	1
KS2012305	GLEN ELDER, CITY OF	MITCHEL	445	1
TOTALS		2	607	2

2011 SELENIUM MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS

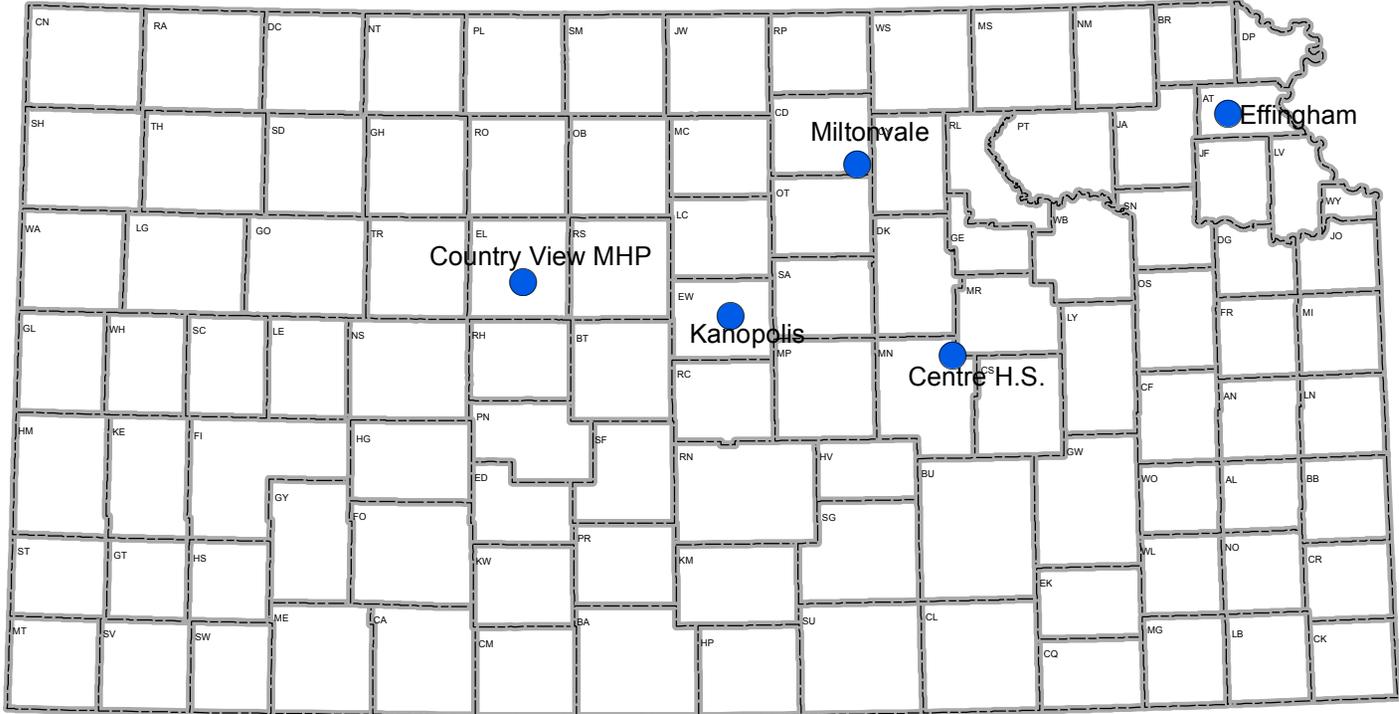


2011 INORGANICS (IOC) MONITORING VIOLATIONS

State Compliance Only

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2111501	CENTRE HIGH SCHOOL	MARION	181	1
KS2005121	COUNTRY VIEW MOBLIE HOME PARK	ELLIS	125	1
KS2000502	EFFINGHAM, CITY OF	ATCHISON	546	1
KS2005304	KANOPOLIS, CITY OF	ELLSWORTH	492	1
KS2002903	MILTONVALE, CITY OF	CLOUD	539	1
TOTALS		5	1,883	5

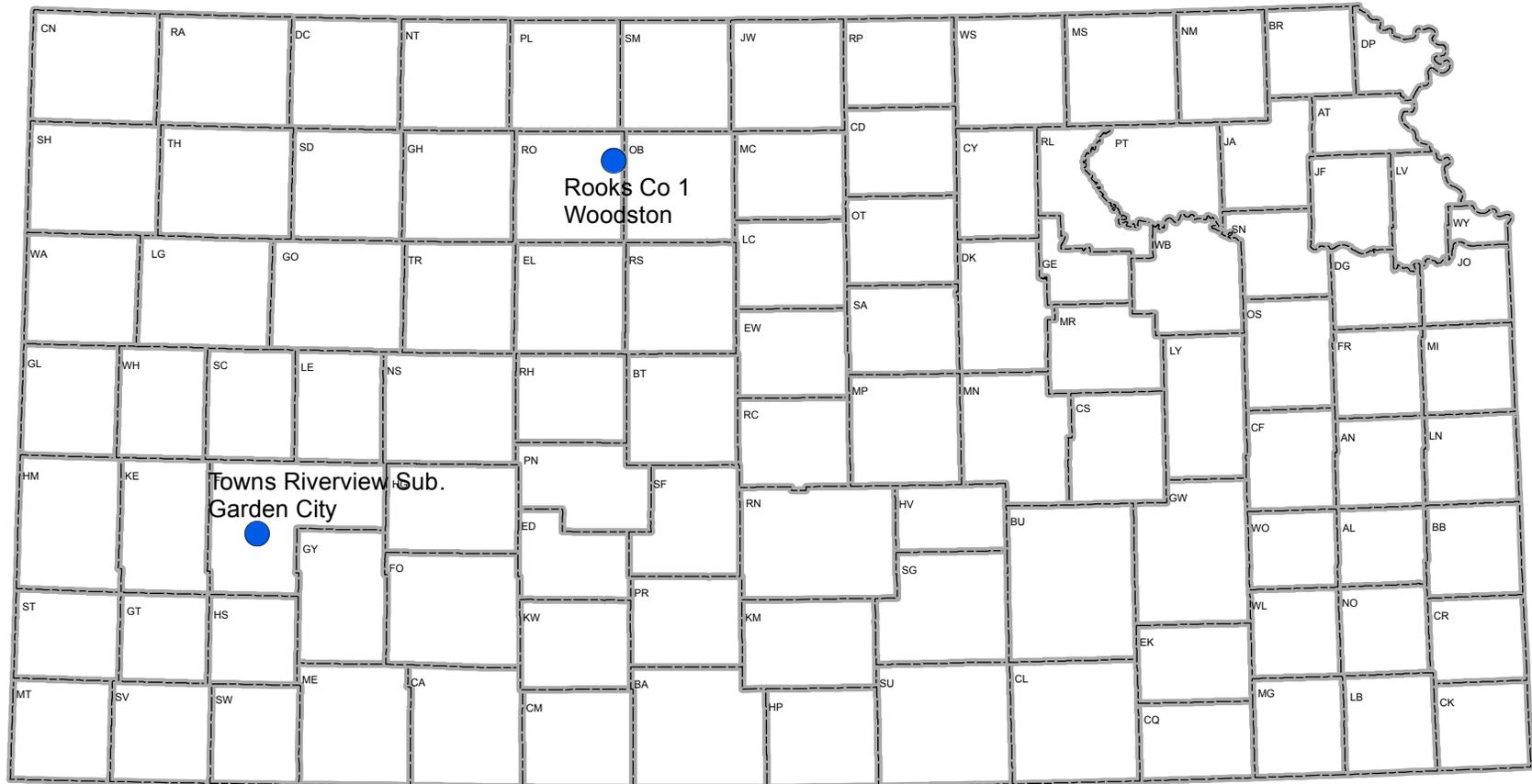
2011 INORGANICS MONITORING VIOLATIONS



2011 GROSS ALPHA MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2016303	ROOKS CO RWD 1	ROOKS	87	1
KS2005502	TOWNS RIVERVIEW SUBDIVISION	FINNEY	860	2
TOTALS		2	947	3

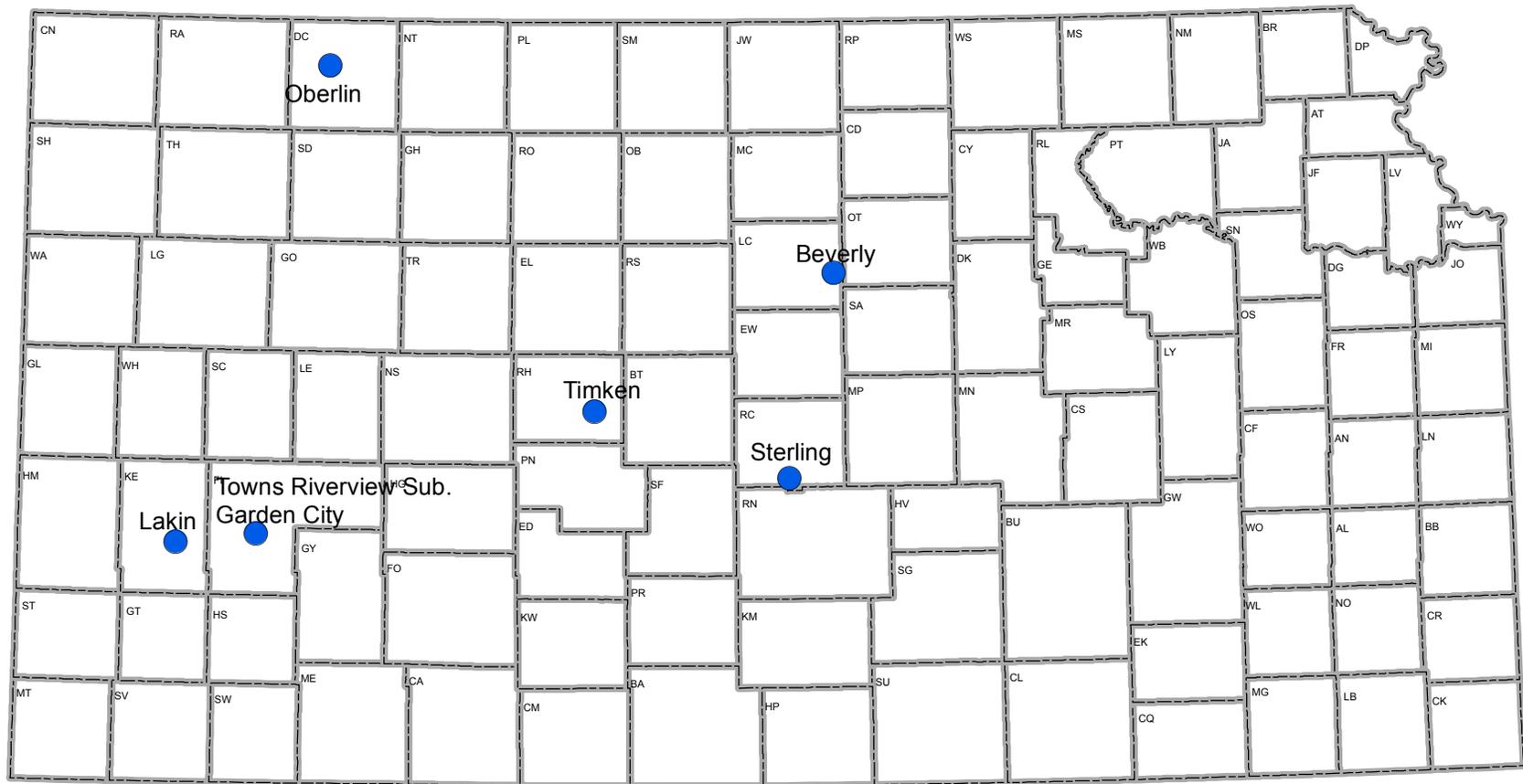
2011 GROSS ALPHA MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS



2011 COMBINED URANIUM MAXIMUM CONTAMINANT LEVEL VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2010504	BEVERLY, CITY OF	LINCOLN	162	4
KS2009301	LAKIN, CITY OF	KEARNY	2,216	4
KS2003903	OBERLIN, CITY OF	DECATUR	1,788	4
KS2015902	STERLING, CITY OF	RICE	2,328	1
KS2016504	TIMKEN, CITY OF	RUSH	76	4
KS2005502	TOWNS RIVERVIEW SUBDIVISION	FINNEY	860	4
TOTALS		6	7,430	21

2011 COMBINED URANIUM MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS



2011 COMBINED RADIUM MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS202102	MAHASKA, CITY OF	WASHINGTON	83	1
TOTALS		1	83	1

**2011 TOTAL COLIFORM (TCR) ACUTE MAXIMUM CONTAMINANT LEVEL (MCL)
VIOLATION**

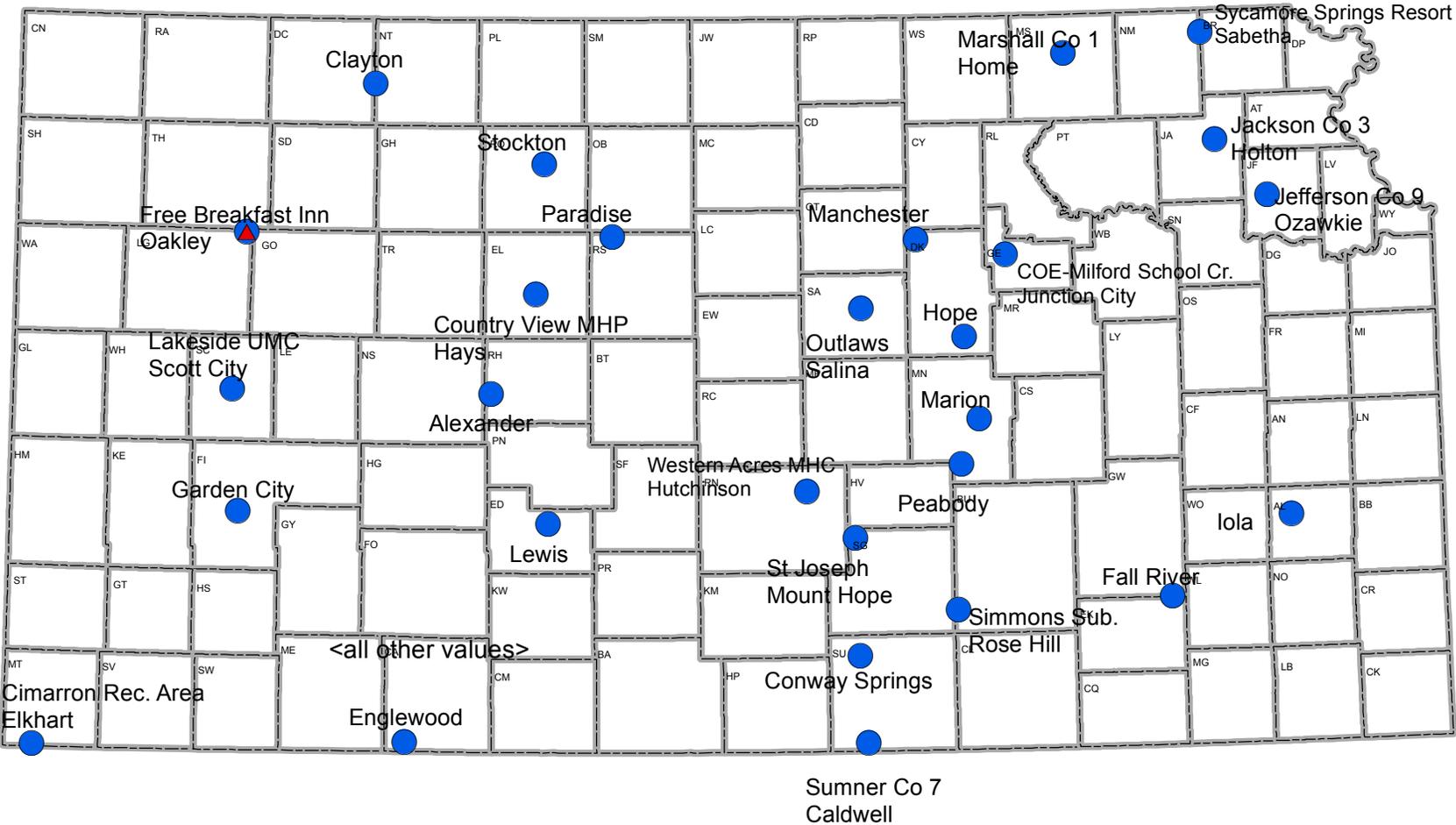
EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2119303	FREE BREAKFAST INN	THOMAS	25	1
TOTALS		1	25	1

**2011 TOTAL COLIFORM (TCR) NON-ACUTE MAXIMUM CONTAMINANT LEVEL (MCL)
VIOLATIONS**

State Compliance Only

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2016503	ALEXANDER, CITY OF	RUSH	65	1
KS2112904	CIMARRON RECREATION AREA	MORTON	25	1
KS2013706	CLAYTON, CITY OF	NORTON	59	1
KS2019118	CONWAY SPRINGS, CITY OF	SUMNER	1,272	1
KS2005121	COUNTRY VIEW MOBILE HOME PARK	ELLIS	125	1
KS2002503	ENGLEWOOD, CITY OF	CLARK	77	1
KS2007304	FALL RIVER, CITY OF	GREENWOOD	162	1
KS2119303	FREE BREAKFAST INN	THOMAS	25	1
KS2005511	GARDEN CITY, CITY OF	FINNEY	26,658	1
KS2004101	HOPE, CITY OF	DICKINSON	368	1
KS2000103	IOLA, CITY OF	ALLEN	5,704	2
KS2008510	JACKSON CO RWD 3	JACKSON	4,060	1
KS2008715	JEFFERSON CO RWD 9	JEFFERSON	352	1
KS2117106	LAKESIDE UNITED METHODIST CENTER	SCOTT	25	1
KS2004702	LEWIS, CITY OF	EDWARDS	451	1
KS2004103	MANCHESTER, CITY OF	DICKINSON	95	1
KS2011507	MARION, CITY OF	MARION	1,927	1
KS2011707	MARSHALL CO RWD 1	MARSHALL	160	1
KS2116910	OUTLAWS	SALINE	25	1
KS2016708	PARADISE, CITY OF	RUSSELL	49	1
KS2011509	PEABODY, CITY OF	MARION	1,210	1
KS2001519	SIMMONS SUBDIVISION SANITATION SYSTEM	BUTLER	80	1
KS2115513	ST JOSEPH CATHOLIC SCHOOL	RENO	100	1
KS2016304	STOCKTON, CITY OF	ROOKS	1,329	1
KS2019120	SUMNER CO RWD 7	SUMNER	25	1
KS2101303	SYCAMORE SPRINGS RESORT, INC	BROWN	25	1
KS2106110	US ARMY COE MILFORD SCHOOL CREEK	GEARY	25	1
KS2015506	WESTERN ACRES MOBILE HOME COURT	RENO	30	1
TOTALS		28	44,508	29

2011 TOTAL COLIFORM (TCR) ACUTE AND NON-ACUTE MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATIONS

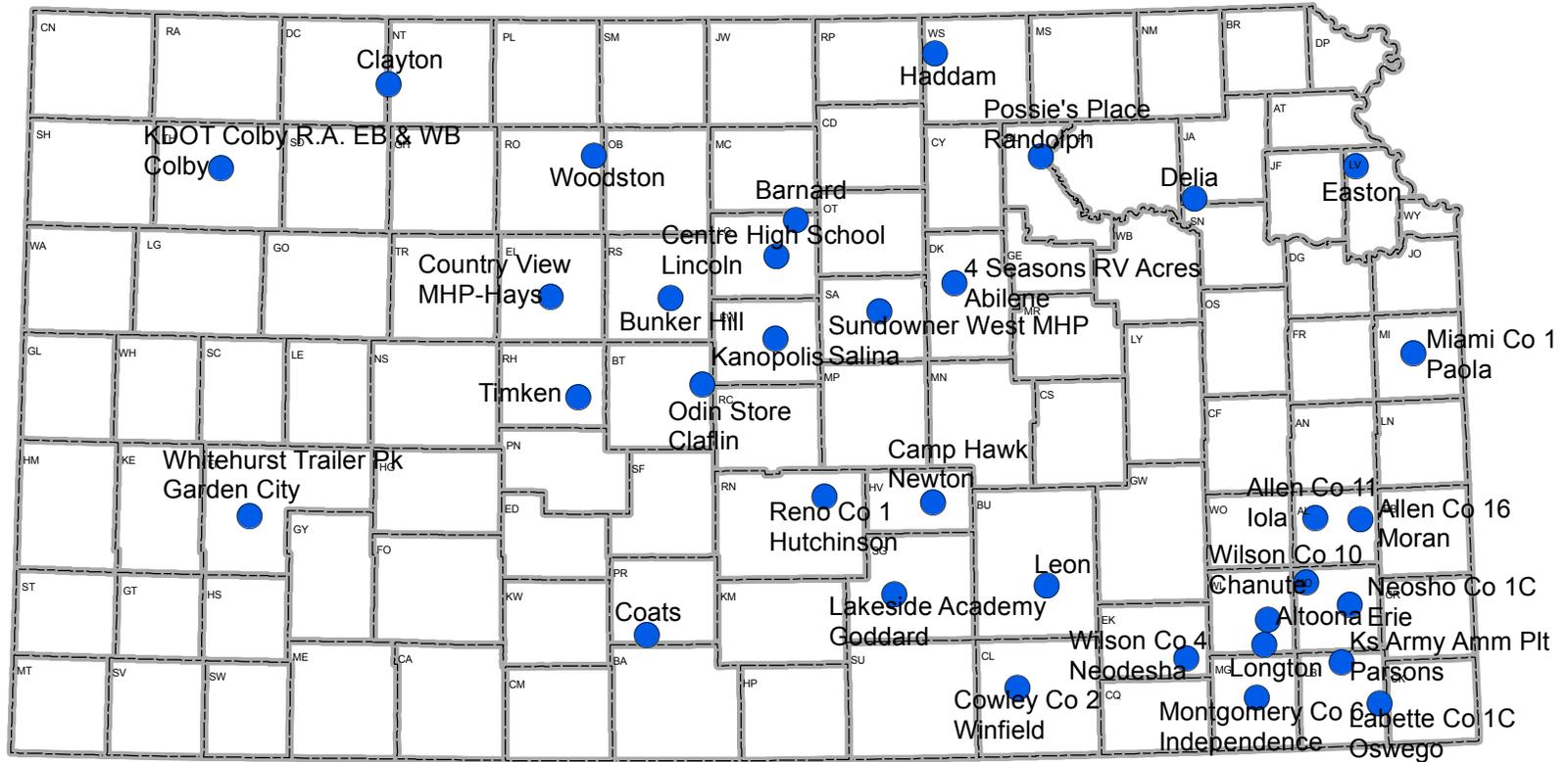


This page intentionally left blank.

2011 TOTAL COLIFORM (TCR) MAJOR MONITORING VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2000123	ALLEN CO RWD 11	ALLEN	54	1
KS2000122	ALLEN CO RWD 16	ALLEN	130	1
KS2020508	ALTOONA, CITY OF	WILSON	414	2
KS2010503	BARNARD, CITY OF	LINCOLN	70	2
KS2016712	BUNKER HILL, CITY OF	RUSSELL	95	1
KS2107908	CAMP HAWK	HARVEY	25	1
KS2111501	CENTRE HIGH SCHOOL	MARION	181	1
KS2013706	CLAYTON, CITY OF	NORTON	59	1
KS2015105	COATS, CITY OF	PRATT	83	1
KS2005121	COUNTRY VIEW MOBILE HOME PARK	ELLIS	125	5
KS2003512	COWLEY CO RWD 2	COWLEY	425	1
KS2008507	DELIA, CITY OF	JACKSON	169	1
KS2010301	EASTON, CITY OF	LEAVENWORTH	253	1
KS2104108	FOUR SEASONS RV ACRES	DICKINSON	25	1
KS2020109	HADDAM, CITY OF	WASHINGTON	104	1
KS2005304	KANOPOLIS, CITY OF	ELLSWORTH	492	1
KS2009911	KANSAS ARMY AMMUNITION PLANT	LABETTE	182	1
KS2119308	KDOT COLBY REST AREA EB 32512	THOMAS	25	1
KS2119307	KDOT COLBY REST AREA WB 32511	THOMAS	25	1
KS2009919	LABETTE CO RWD 1C	LABETTE	285	2
KS2117330	LAKESIDE ACADEMY OF KANSAS	SEDGWICK	50	1
KS2001515	LEON, CITY OF	BUTLER	704	1
KS2004903	LONGTON, CITY OF	ELK	348	1
KS2012102	MIAMI CO RWD 1	MIAMI	1,680	1
KS2012506	MONTGOMERY CO RWD 6	MONTGOMERY	1,092	1
KS2013320	NEOSHO CO RWD 1C	NEOSHO	670	1
KS2100916	ODIN STORE	BARTON	25	1
KS2116112	POSSIE'S PLACE	RILEY	25	1
KS2015510	RENO CO RWD 1	RENO	123	1
KS2016910	SUNDOWNER WEST MOBILE HOME PARK	SALINE	220	1
KS2016504	TIMKEN, CITY OF	RUSH	76	1
KS2005536	WHITEHURST TRAILER PARK	FINNEY	110	1
KS2020504	WILSON CO RWD 4	WILSON	293	1
KS2020510	WILSON CO RWD 10	WILSON	808	1
KS2016307	WOODSTON, CITY OF	ROOKS	136	1
TOTALS		35	9,581	42

2011 TOTAL COLIFORM MAJOR ROUTINE AND FOLOW-UP MONITORING VIOLATIONS



2011 TOTAL COLIFORM (TCR) ROUTINE MINOR MONITORING VIOLATIONS

State Compliance Only

Page 1 of 3

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2115904	ALDEN VILLAGE CAFÉ	RICE	25	1
KS2117326	ALL SEASONS RV PARK INC	SEDGWICK	70	1
KS2000123	ALLEN CO RWD 11	ALLEN	54	1
KS2000504	ATCHISON CO RWD 3	ATCHISON	110	1
KS2000510	ATCHISON CO RWD 6	ATCHISON	485	1
KS2005101	BAKER AND HAMLIN LLC	ELLIS	60	1
KS2009902	BARTLETT, CITY OF	LABETTE	80	1
KS2002109	BAXTER SPRINGS, CITY OF	CHEROKEE	4,238	1
KS2014902	BELVUE, CITY OF	POTTAWATOMIE	205	1
KS2016106	BLUE RIVER HILLS IMPVMT DISTRICT	RILEY	89	1
KS2017348	BOUDREUX'S BURGER BARN	SUMNER	50	1
KS2005711	BUCKLIN, CITY OF	FORD	794	1
KS2105716	CARGILL MEAT SOLUTIONS CORP	FORD	2,600	1
KS2111501	CENTRE HIGH SCHOOL	MARION	181	1
KS2001911	CHAUTAUQUA CO RWD 4	CHAUTAUQUA	385	1
KS2112904	CIMARRON RECREATION AREA	MORTON	25	1
KS2002710	CLAY CO RWD 2	CLAY	950	1
KS2002901	CLOUD CO RWD 1	CLOUD	450	1
KS2005121	COUNTRY VIEW MOBILE HOME PARK	ELLIS	125	2
KS2005107	COUNTRYSIDE ESTATES MOBILE HOME PARK	ELLIS	300	1
KS2003512	COWLEY CO RWD 2	COWLEY	425	2
KS2003515	COWLEY CO RWD 8	COWLEY	50	1
KS2003719	CRAWFORD CO RWD 1C	CRAWFORD	1,915	1
KS2015701	CUBA, CITY OF	REPUBLIC	156	1
KS2008507	DELIA, CITY OF	JACKSON	169	1
KS2004305	DONIPHAN CO RWD 1	DONIPHAN	75	1
KS2011502	DURHAM, CITY OF	MARION	112	1
KS2115505	DUTCH KITCHEN	RENO	325	1
KS2001901	ELGIN, CITY OF	CHAUTAUQUA	89	2
KS2005114	ELLIS, CITY OF	ELLIS	2,062	1
KS2002503	ENGLEWOOD, CITY OF	CLARK	77	1
KS2013310	ERIE, CITY OF	NEOSHO	1,150	1
KS2104108	FOUR SEASONS RV ACRES	DICKINSON	25	1
KS2015907	GENESEO, CITY OF	RICE	267	1
KS2019114	GEUDA SPRINGS, CITY OF	SUMNER	185	1

2011 TOTAL COLIFORM (TCR) ROUTINE MINOR MONITORING VIOLATIONS

State Compliance Only

Page 2 of 3

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2002904	GLASCO, CITY OF	CLOUD	498	1
KS2020109	HADDAM, CITY OF	WASHINGTON	104	1
KS2004101	HOPE, CITY OF	DICKINSON	368	1
KS2007101	HORACE, CITY OF	GREELEY	70	1
KS2016909	HOWISON HEIGHTS WATER DISTRICT	SALINE	200	1
KS2018901	HUGOTON, CITY OF	STEVENS	3,904	1
KS2002122	HYZ INC HAI YING	CHEROKEE	25	2
KS2008706	JEFFERSON CO RWD 1	JEFFERSON	2,250	1
KS2119307	KDOT BLOOM REST AREA WB 63511	FORD	25	1
KS2119307	KDOT COLBY REST AREA WB 32511	THOMAS	25	2
KS2000301	KINCAID, CITY OF	ANDERSON	122	1
KS2000105	LA HARPE, CITY OF	ALLEN	578	1
KS2009919	LABETTE CO RWD 1C	LABETTE	285	1
KS2117106	LAKESIDE UNITED METHODIST CENTER	SCOTT	25	1
KS2000507	LANCASTER, CITY OF	ATCHISON	298	1
KS2010318	LEAVENWORTH CO RWD 5	LEAVENWORTH	740	1
KS2001515	LEON, CITY OF	BUTLER	704	1
KS2015904	LITTLE RIVER, CITY OF	RICE	557	1
KS2011101	LYON CO RWD 1	LYON	1,595	1
KS2007301	MADISON, CITY OF	GREENWOOD	701	1
KS2012104	MIAMI CO RWD 3	MIAMI	2,435	1
KS2002903	MILTONVALE, CITY OF	CLOUD	539	2
KS2012501	MONTGOMERY CO RWD 4	MONTGOMERY	745	1
KS2006501	MORLAND, CITY OF	GRAHAM	154	1
KS2111513	MORNING STAR RANCH	MARION	35	1
KS2013320	NEOSHO CO RWD 1C	NEOSHO	670	3
KS2013315	NEOSHO CO RWD 3	NEOSHO	128	3
KS2003902	NORCATUR, CITY OF	DECATUR	151	1
KS2009505	NORWICH, CITY OF	KINGMAN	491	2
KS2100916	ODIN STORE	BARTON	25	2
KS2010307	PARADISE MOBILE HOME COURT	LEAVENWORTH	110	2
KS2116112	POSSIE'S PLACE	RILEY	25	1
KS2001518	POTWIN, CITY OF	BUTLER	449	1
KS2001303	POWHATTAN, CITY OF	BROWN	77	2
KS2100913	REDBARN PET PRODUCTS	BARTON	30	1

2011 TOTAL COLIFORM (TCR) ROUTINE MINOR MONITORING VIOLATIONS

State Compliance Only

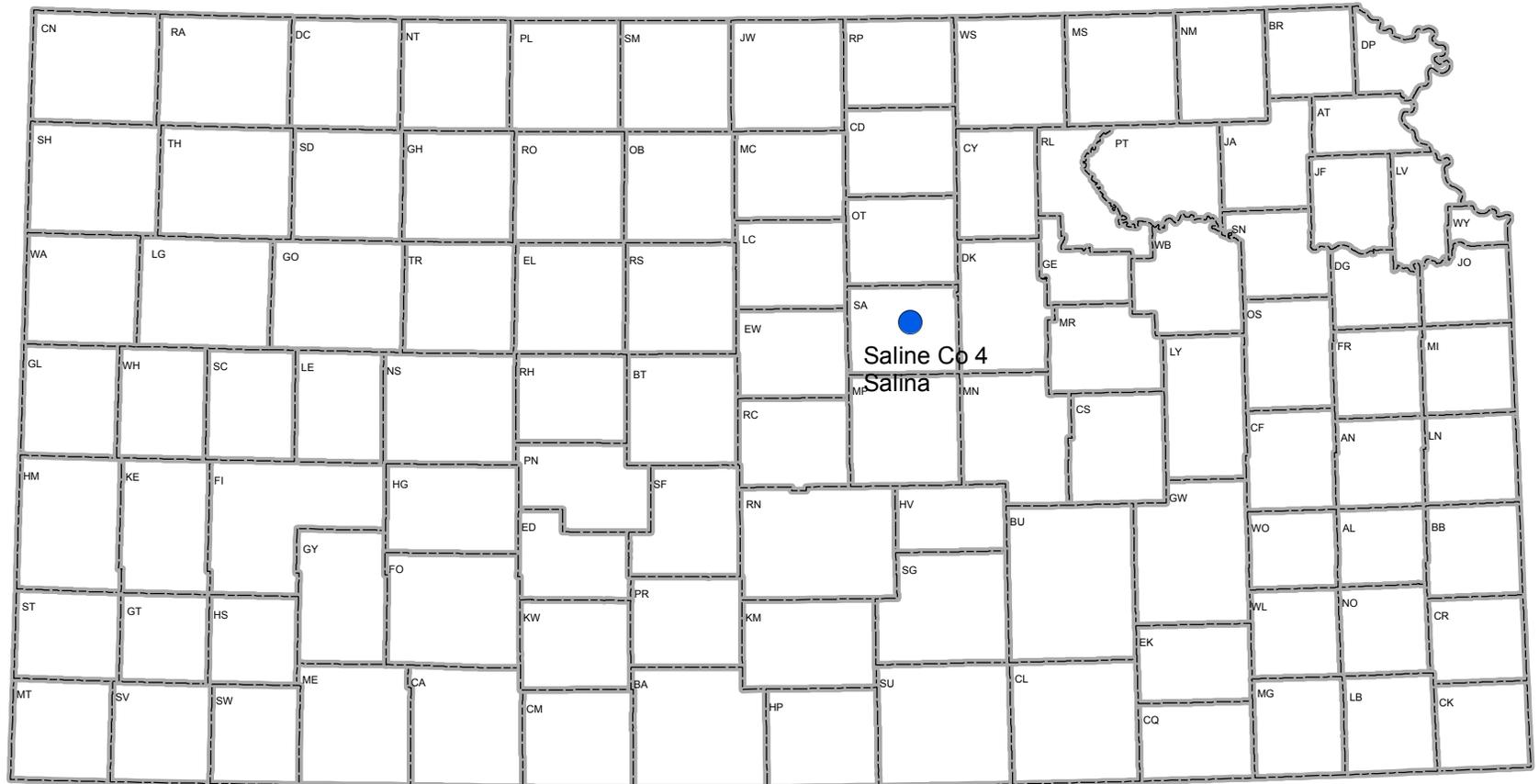
Page 3 of 3

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2102102	RIVERTON SCHOOL	CHEROKEE	840	1
KS2016705	RUSSELL CO RWD 4	RUSSELL	90	1
KS2016911	SALINE CO RWD 2	SALINE	465	1
KS2016913	SALINE CO RWD 4	SALINE	768	1
KS2013911	SCRANTON, CITY OF	OSAGE	710	2
KS2014917	ST GEORGE, CITY OF	POTTAWATOMIE	639	1
KS2019107	SUMNER CO RWD 2	SUMNER	495	2
KS2019103	SUMNER CO RWD 4	SUMNER	1,277	1
KS2101303	SYCAMORE SPRINGS RESORT, INC	BROWN	25	1
KS2016504	TIMKEN, CITY OF	RUSH	76	1
KS2002104	TREECE, CITY OF	CHEROKEE	138	1
KS2016103	UNIVERSITY PARK WATER DISTRICT	RILEY	199	2
KS2007307	VIRGIL, CITY OF	GREENWOOD	101	1
KS2019706	WABAUNSEE CO RWD 1	WABAUNSEE	365	1
KS2015519	WEST HILLS SUBDIVISION	RENO	60	1
KS2015506	WESTERN ACRES MOBILE HOME COURT	RENO	30	1
KS2117351	YMCA CAMP HYDE INC	SEDGWICK	300	1
TOTALS		87	44,074	104

2011 TOTAL COLIFORM (TCR) REPEAT MINOR MONITORING VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2016913	SALINE CO RWD 4	SALINE	768	1
TOTALS		1	768	1

2011 TOTAL COLIFORM REPEAT MINOR MONITORING VIOLATIONS



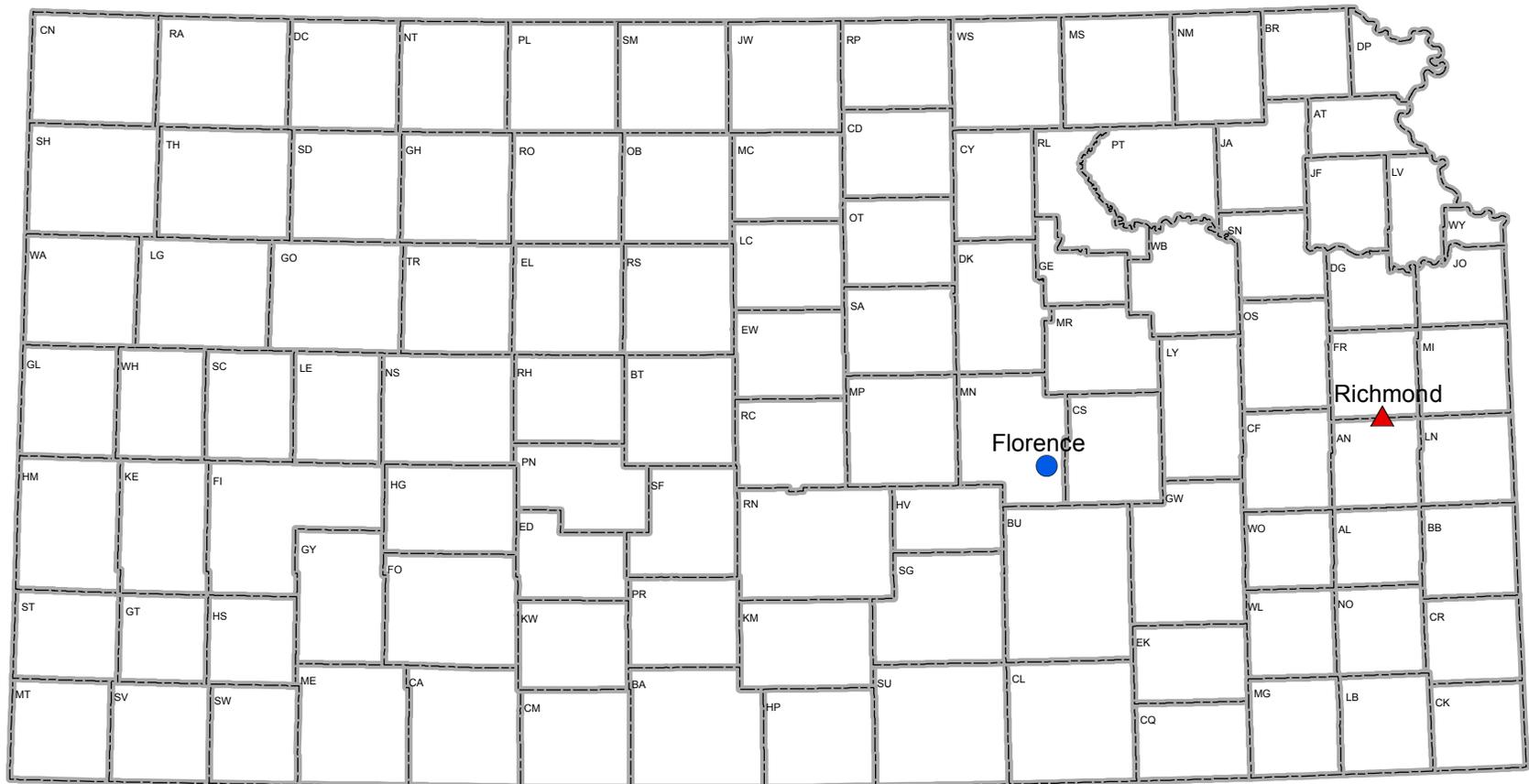
2011 SURFACE WATER TREATMENT (SWTR) MAJOR MONITORING VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2005904	RICHMOND, CITY OF	FRANKLIN	464	1
TOTALS		1	464	1

2011 SURFACE WATER TREATMENT (SWTR) RESIDUAL DISINFECTION CONCENTRATION TREATMENT TECHNIQUE VIOLATION

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2011503	FLORENCE, CITY OF	MARION	465	1
TOTALS		1	465	1

2011 SURFACE WATER TREATMENT RULE (SWTR) MAJOR MONITORING VIOLATION AND RESIDUAL CONCENTRATION TREATMENT TECHNIQUE (TT) VIOLATION



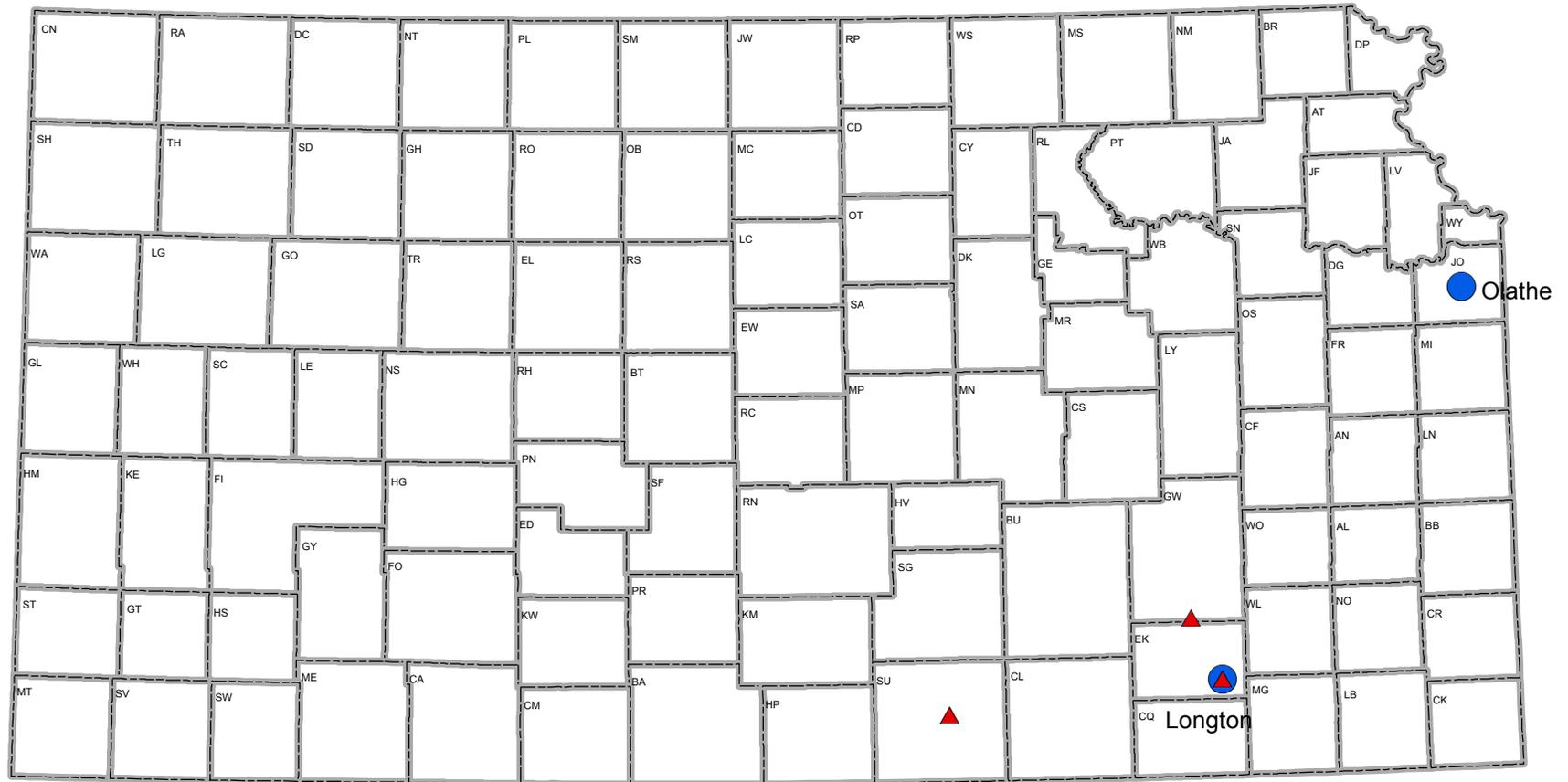
**2011 SINGLE COMBINATION FILTER TURBIDITY EFFLUENT (IESWTR/LT1)
TREATMENT TECHNIQUE VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2004903	LONGTON, CITY OF	ELK	348	1
KS2009115	OLATHE,CITY OF	JOHNSON	125,872	2
TOTALS		2	126,220	3

**2011 MONTHLY COMBINATION FILTER TURBIDITY EFFLUENT (IESWTR/LT1)
TREATMENT TECHNIQUE VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2004903	LONGTON, CITY OF	ELK	348	1
KS2007308	SEVERY, CITY OF	GREENWOOD	259	7
KS2019119	WELLINGTON, CITY OF	SUMNER	8,172	1
TOTALS		3	8,779	9

2011 SINGLE AND MONTHLY COMBINATION FILTER(IESWTR/LT1) TREATMENT TECHNIQUE VIOLATIONS



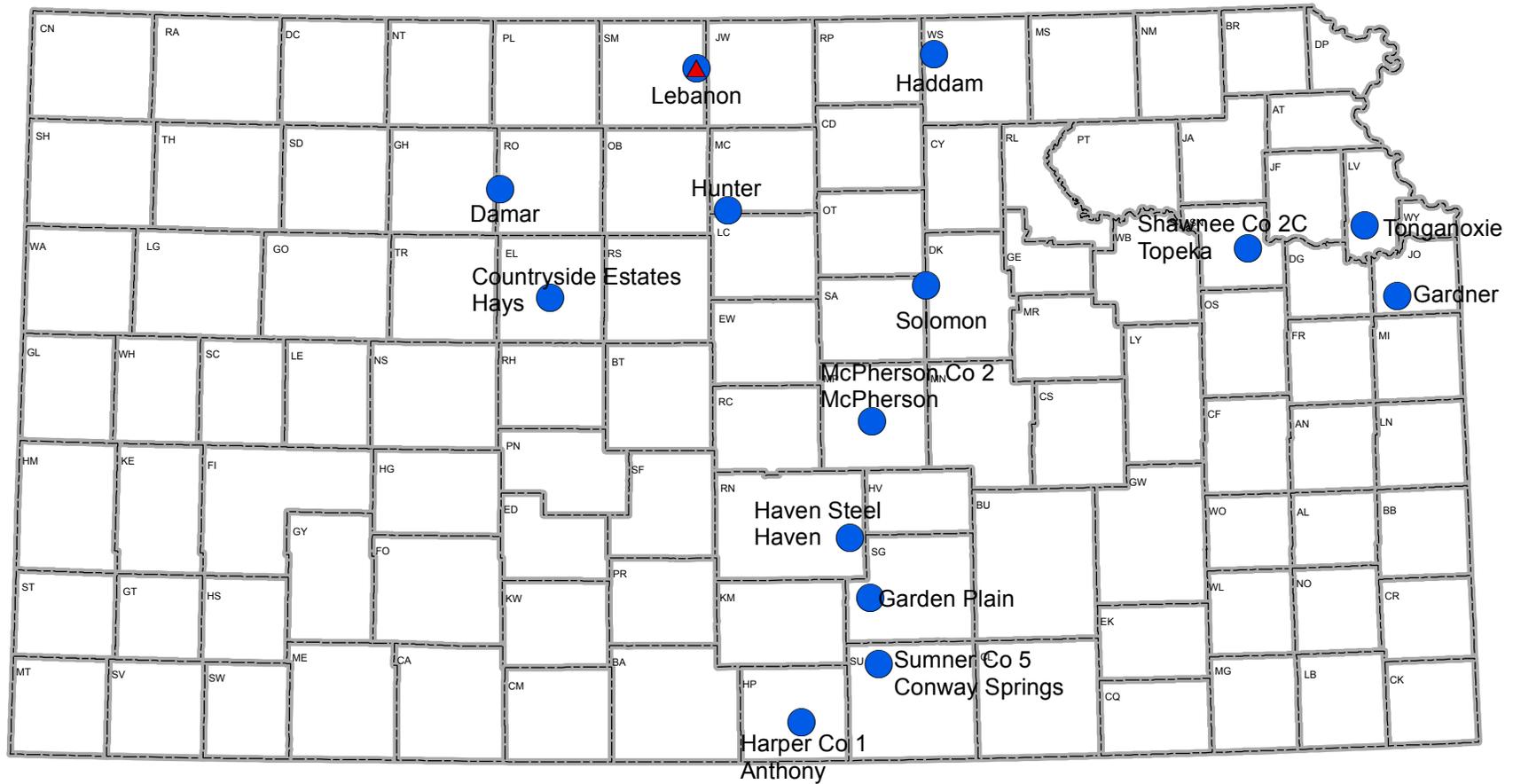
**2011 LEAD AND COPPER FOLLOW-UP OR ROUTINE MONITORING/REPORTING
VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2005107	COUNTRYSIDE ESTATES MOBILE HOME PARK	ELLIS	300	1
KS2016305	DAMAR, CITY OF	ROOKS	132	1
KS2111311	ELYRIA CHRISTIAN SCHOOL	MCPHERSON	250	1
KS2017339	GARDEN PLAIN, CITY OF	SEDGWICK	849	1
KS2009106	GARDNER, CITY OF	JOHNSON	19,123	1
KS2020109	HADDAM, CITY OF	WASHINGTON	104	1
KS2007706	HARPER CO RWD 1	HARPER	50	1
KS2115537	HAVEN STEEL PRODUCTS INC	RENO	100	1
KS2012306	HUNTER, CITY OF	MITCHELL	57	1
KS2018304	LEBANON, CITY OF	SMITH	218	1
KS2011307	MCPHERSON CO RWD 2	MCPHERSON	186	1
KS2017713	SHAWNEE CO RWD 2C	SHAWNEE	700	1
KS2004105	SOLOMON, CITY OF	DICKINSON	1,095	1
KS2019101	SUMNER CO RWD 5	SUMNER	1,452	1
KS2010306	TONGANOXIE, CITY OF	LEAVENWORTH	4,996	1
TOTALS		15	29,612	15

**2011 LEAD AND COPPER OCCT/SOWT INSTALL VIOLATION
State Compliance Only**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2018304	LEBANON, CITY OF	SMITH	218	1
TOTALS		1	218	1

2011 LEAD AND COPPER MONITORING AND OCCT/SOWT INSTALL VIOLATIONS



	LEAD & COPPER OCCT/SOWT INSTALL VIO
	LEAD & COPPER MONITORING/REPORTING



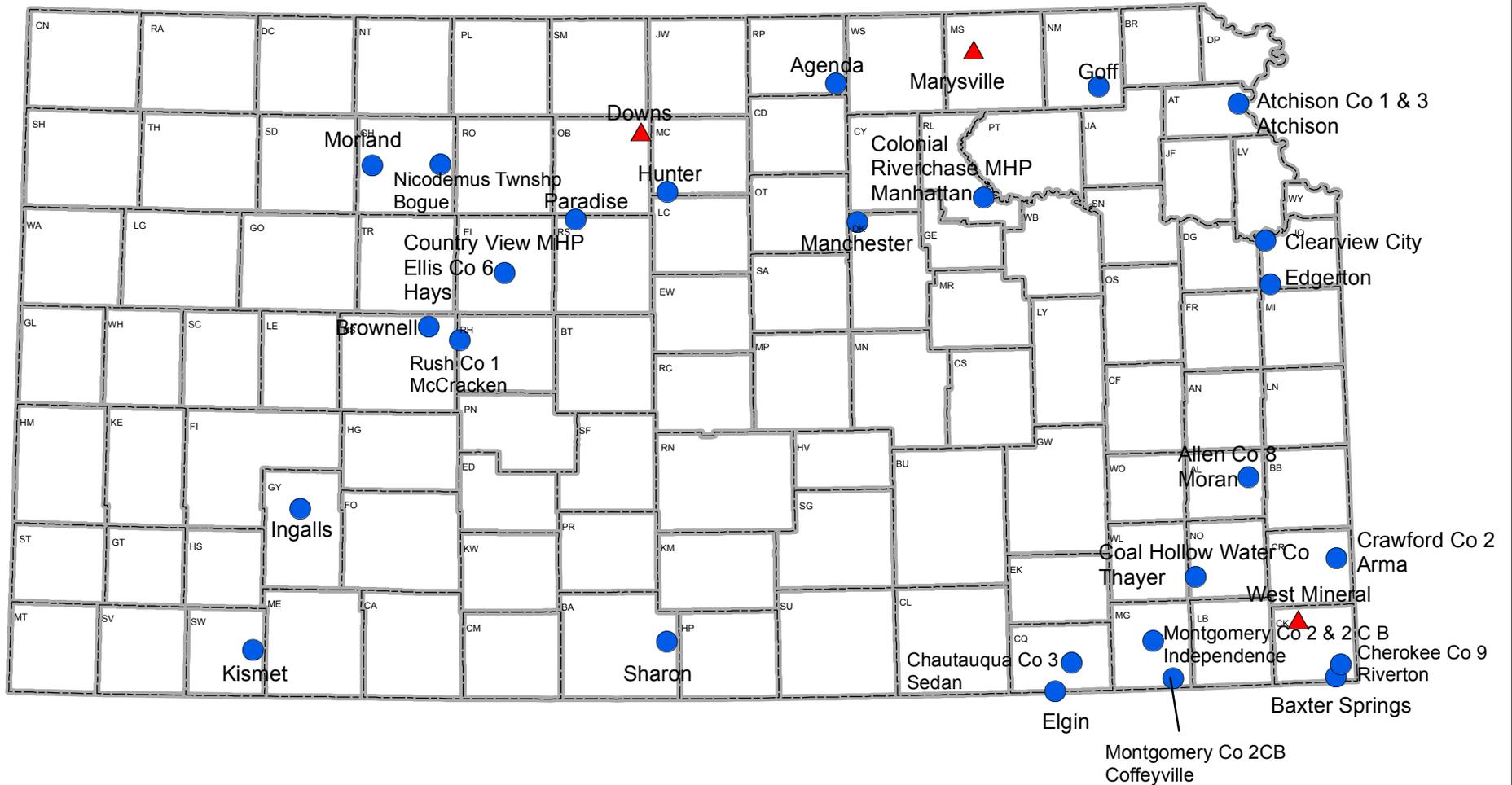
2011 CONSUMER CONFIDENCE REPORT (CCR) MAJOR VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2015705	AGENDA, CITY OF	REPUBLIC	68	1
KS2000110	ALLEN CO RWD 8	ALLEN	736	1
KS2000503	ATCHISON CO RWD 1	ATCHISON	490	1
KS2000504	ATCHISON CO RWD 3	ATCHISON	110	1
KS2002109	BAXTER SPRINGS, CITY OF	CHEROKEE	4,238	1
KS2013504	BROWNELL, CITY OF	NESS	29	1
KS2001090	CHAUTAUQUA CO RWD 3	CHAUTAUQUA	122	1
KS2002120	CHEROKEE CO RWD 9	CHEROKEE	900	1
KS2009123	CLEARVIEW CITY, CIYT OF	JOHNSON	317	1
KS2013302	COAL HOLLOW WATER CO	NEOSHO	55	1
KS2016118	COLONIAL GARDENS MOBILE HOME CT	RILEY	1,200	1
KS2005121	COUNTRY VIEW MOBLE HOME PARK	ELLIS	125	1
KS2003717	CRAWFORD CO RWD 2	CRAWFORD	1,010	1
KS2009103	EDGERTON,CITY OF	JOHNSON	1,671	1
KS2001901	ELGIN, CITY OF	CHAUTAUQUA	89	1
KS2005122	ELLIS CO RWD 6	ELLIS	250	1
KS2013108	GOFF, CITY OF	NEMAHA	126	1
KS2012306	HUNTER, CITY OF	MITCHELL	57	1
KS2006902	INGALLS, CITY OF	GRAY	306	1
KS2017503	KISMET, CITY OF	SEWARD	459	1
KS2004103	MANCHESTER, CITY OF	DICKINSON	95	1
KS2012504	MONTGOMERY CO RWD 2	MONTGOMERY	800	1
KS2012516	MONTGOMERY CO RWD 2C B	MONTGOMERY	410	1
KS2006501	MORLAND, CITY OF	GRAHAM	154	1
KS2006505	NICODEMUS TOWNSHIP	GRAHAM	32	1
KS2016708	PARADISE, CITY OF	RUSSELL	49	1
KS2016119	RIVERCHASE MOBILE HOME PARK	RILEY	460	1
KS2016509	RUSH CO RWD 1	RUSH	150	1
KS2000708	SHARON, CITY OF	BARBER	158	1
TOTALS		29	14,666	29

2011 CONSUMER CONFIDENCE REPORT (CCR) MINOR VIOLATIONS

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2014101	DOWNS, CITY OF	OSBORNE	900	1
KS2011706	MARYSVILLE, CITY OF	MARSHALL	3,294	1
KS2002115	WEST MINERAL, CITY OF	CHEROKEE	185	1
TOTALS		3	4,379	3

2011 CONSUMER CONFIDENCE REPORT VIOLATIONS



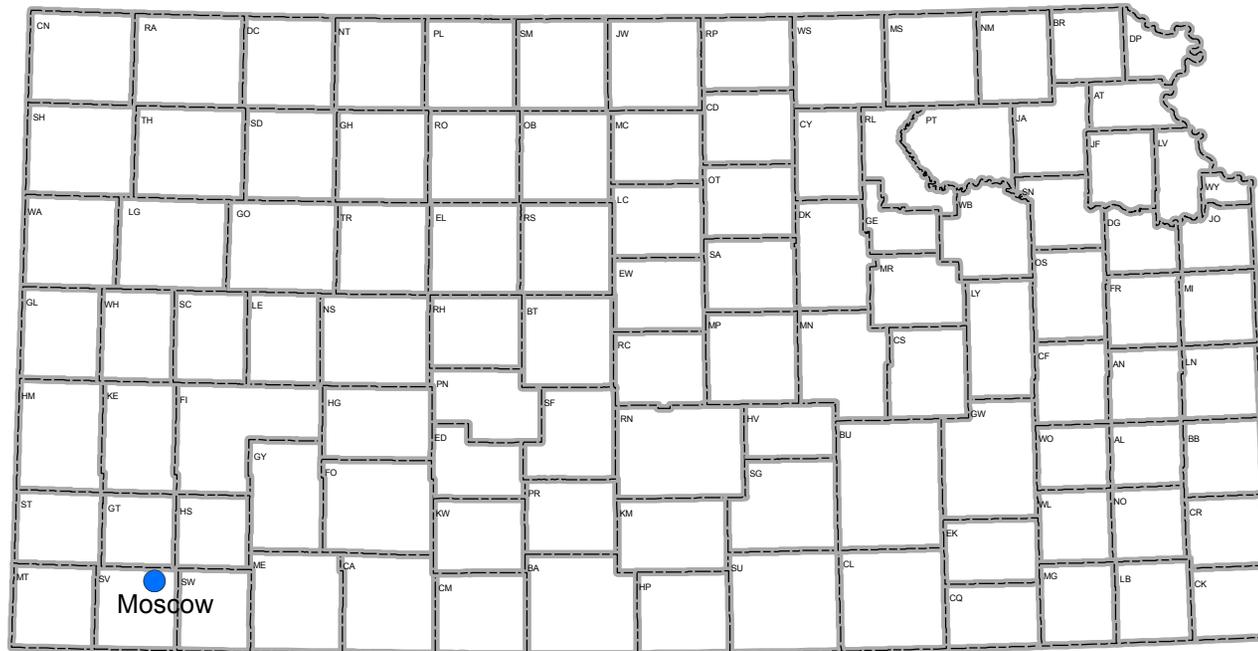
This page intentionally left blank.

2011 VOLATILE ORGANIC (VOC) MONITORING VIOLATION

State Compliance Only

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2018902	MOSCOW, CITY OF	STEVENS	310	1
TOTALS		1	310	1

2011 VOLATILE ORGANIC MONITORING VIOLATION STATE COMPLIANCE ONLY

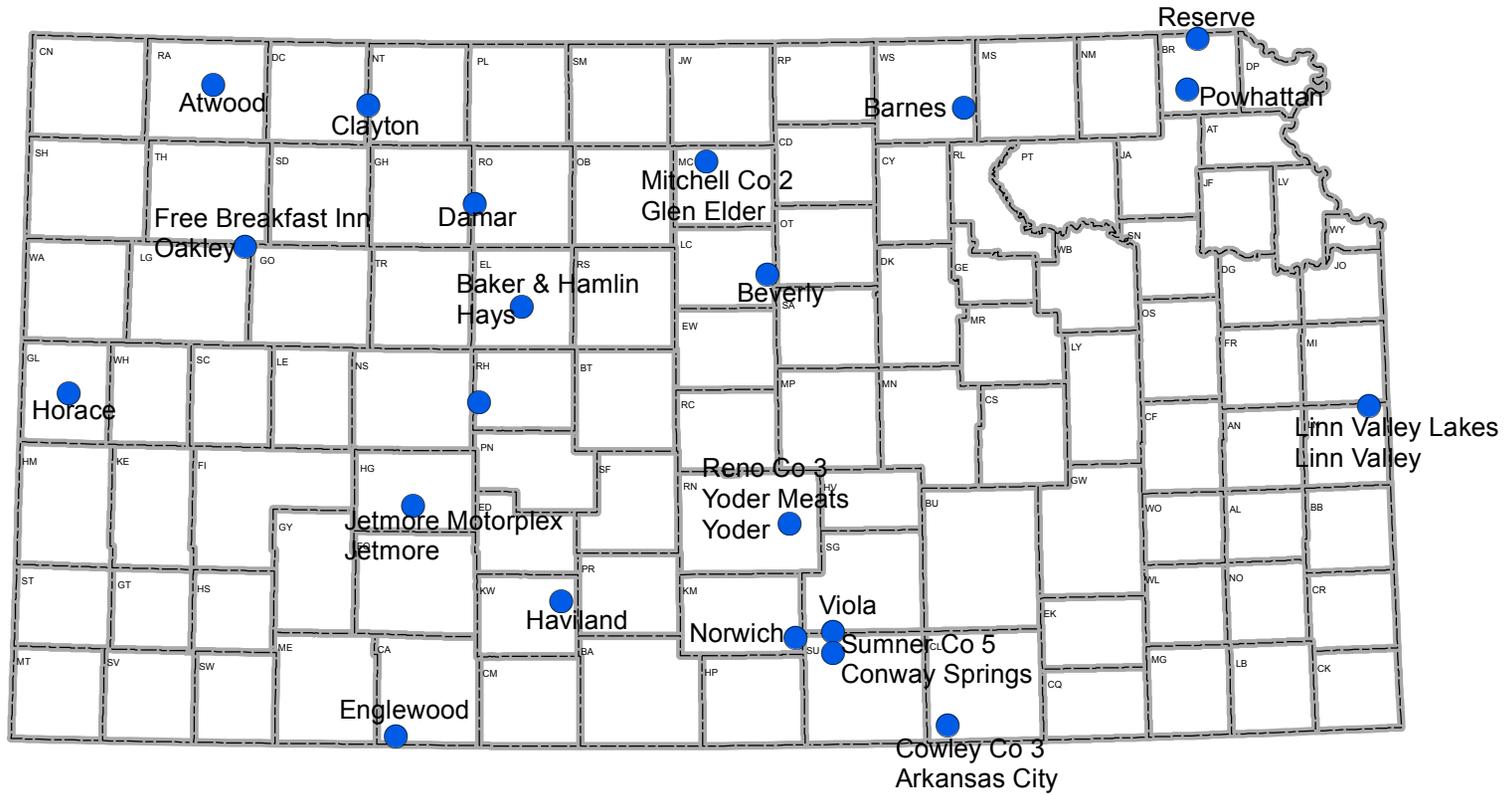


2011 PUBLIC NOTICE VIOLATIONS

State Compliance Only

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2016503	ALEXANDER, CITY OF	RUSH	65	1
KS2015301	ATWOOD, CITY OF	RAWLINS	1,194	1
KS2005101	BAKER & HAMBLIN LLC	ELLIS	60	1
KS2020110	BARNES, CITY OF	WASHINGTON	159	1
KS2010504	BEVERLY, CITY OF	LINCOLN	162	2
KS2013706	CLAYTON, CITY OF	NORTON	59	1
KS2003505	COWLEY CO RWD 3	COWLEY	2,500	1
KS2016305	DAMAR, CITY OF	ROOKS	132	1
KS2002503	ENGLEWOOD, CITY OF	CLARK	77	1
KS2119303	FREE BREAKFAST INN	THOMAS	25	1
KS2009703	HAVILAND, CITY OF	KIOWA	701	2
KS2007101	HORACE, CITY OF	GREELEY	70	1
KS2108302	JETMORE MOTORPLEX	HODGEMAN	25	1
KS2010712	LINN VALLEY LAKES POA	LINN	193	1
KS2012304	MITCHELL CO RWD 2	MITCHELL	1,291	1
KS2009505	NORWICH, CITY OF	KINGMAN	491	3
KS2001303	POWHATTAN, CITY OF	BROWN	77	1
KS2015516	RENO CO RWD 3	RENO	450	1
KS2001302	RESERVE, CITY OF	BROWN	84	1
KS2019101	SUMNER CO RWD 5	SUMNER	1,452	1
KS2017313	VIOLA, CITY OF	SEDGWICK	130	1
KS2115533	YODER MEATS	RENO	45	1
TOTALS		22	9,442	26

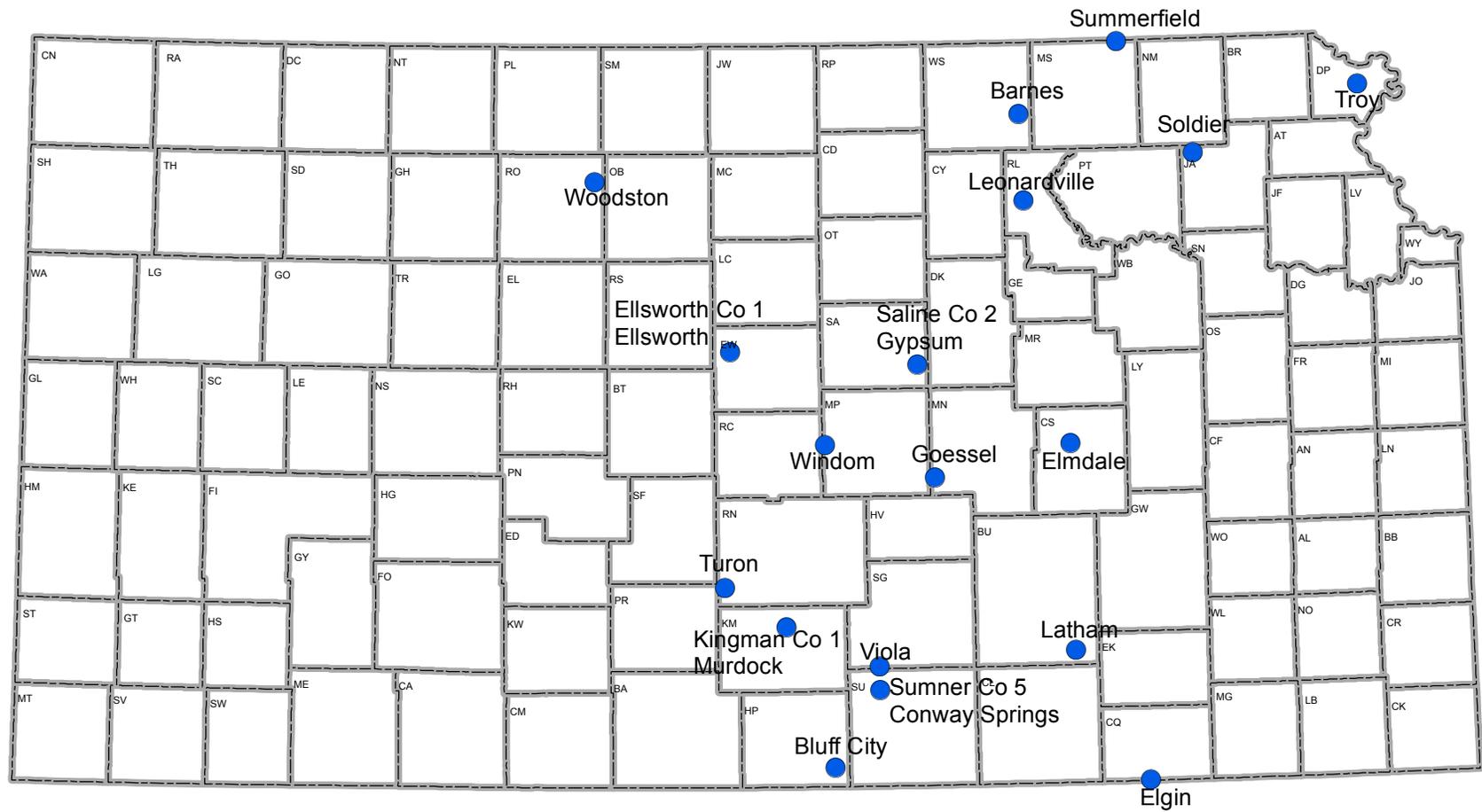
2011 PUBLIC NOTICE VIOLATIONS



2011 BOIL WATER ADVISORIES

EPA #	PWS NAME	COUNTY	POPULATION	ISSUED	RESCINDED
KS2020110	BARNES, CITY OF	WASHINGTON	159	1/31/2011	2/4/2011
KS2007707	BLUFF CITY, CITY OF	HARPER	65	7/31/2011	8/5/2011
KS2019118	CONWAY SPRINGS, CITY OF	SUMNER	1,272	3/18/2011	3/21/2011
KS2001901	ELGIN, CITY OF	CHAUTAUQUA	89	4/24/2011	4/29/2011
KS2005309	ELLSWORTH CO RWD 1	ELLSWORTH	2,626	7/26/2011	7/27/2011
KS2005309	ELLSWORTH CO RWD 1	ELLSWORTH	2,626	8/11/2011	8/13/2011
KS2005309	ELLSWORTH CO RWD 1	ELLSWORTH	2,626	10/11/2011	10/14/2011
KS2005309	ELLSWORTH CO RWD 1	ELLSWORTH	2,626	10/31/2011	11/2/2011
KS2001704	ELMDALE, CITY OF	CHASE	55	6/20/2011	6/22/2011
KS2011504	GOESSEL, CITY OF	MARION	539	12/27/2011	12/29/2011
KS2009502	KINGMAN CO RWD 1	KINGMAN	250	2/15/2011	2/18/2011
KS2001517	LATHAM, CITY OF	BUTLER	139	1/21/2011	1/31/2011
KS2016120	LEONARDVILLE, CITY OF	RILEY	449	1/7/2011	1/18/2011
KS2016911	SALINE CO RWD 2	SALINE	465	7/20/2011	7/22/2011
KS2008508	SOLDIER	JACKSON	136	7/7/2011	7/19/2011
KS2011702	SUMMERFIELD, CITY OF	MARSHALL	156	1/27/2011	1/29/2011
KS2019101	SUMNER CO RWD 5	SUMNER	1,452	3/18/2011	3/21/2011
KS2004304	TROY, CITY OF	DONIPHAN	1,010	1/13/2011	1/15/2011
KS2015503	TURON, CITY OF	RENO	387	2/2/2011	2/3/2011
KS2017313	VIOLA, CITY OF	SUMNER	130	3/18/2011	3/21/2011
KS2011314	WINDOM, CITY OF	MCPHERSON	130	2/12/2011	2/13/2011
KS2008508	WINDOM, CITY OF	MCPHERSON	130	7/14/2011	7/19/2011
KS2016307	WOODSTON, CITY OF	ROOKS	136	12/24/2011	1/26/2012
TOTALS	23		17,653		

2011 BOIL WATER ADVISORY



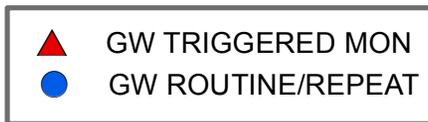
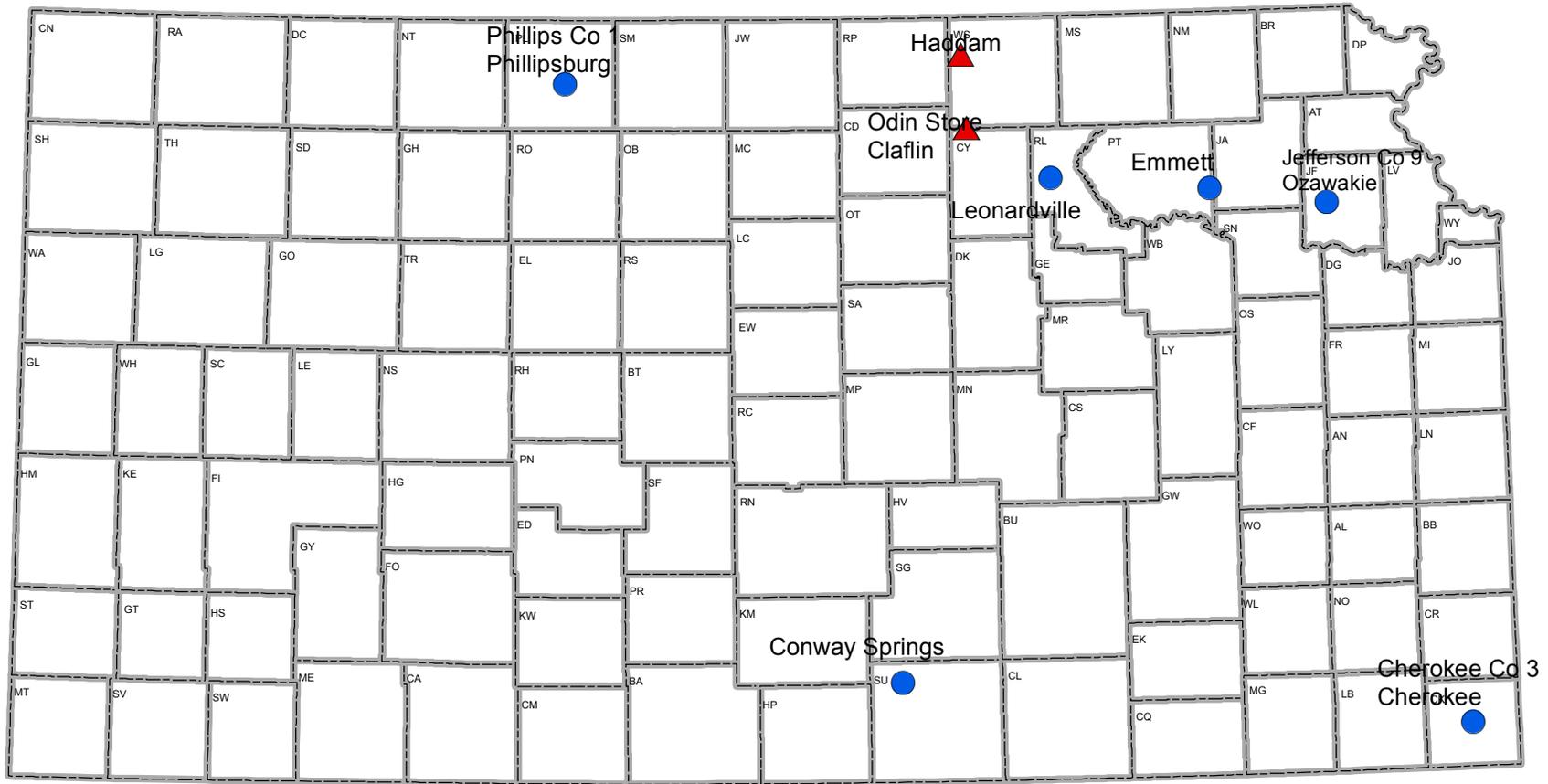
**2011 GROUND WATER RULE (GWR) MAJOR ROUTINE/REPEAT MONITORING
VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2002107	CHEROKEE CO RWD 3	CHEROKEE	1,800	1
KS2019118	CONWAY SPRINGS, CITY OF	SUMNER	1,272	1
KS2014901	EMMETT, CITY OF	POTTAWATOMIE	191	1
KS2008715	JEFFERSON CO RWD 9	JEFFERSON	352	1
KS2016120	LEONARDVILLE, CITY OF	RILEY	449	1
KS2014709	PHILLIPS CO RWD 1	PHILLIPS	432	1
TOTALS		6	4,496	6

**2011 GROUND WATER RULE (GWR) TRIGGERED/ADDITIONAL MAJOR
MONITORING VIOLATIONS**

EPA #	PWS NAME	COUNTY	POPULATION	VIOLATIONS
KS2020109	HADDAM, CITY OF	WASHINGTON	104	2
KS20100916	ODIN STORE	BARTON	25	1
TOTALS		2	129	3

2011 GROUND WATER MAJOR ROUTINE/REPEAT MONITORING VIOLATIONS



This page intentionally left blank.

APPENDIX D

BUREAU OF WATER/PUBLIC WATER SUPPLY CONTACTS



Our Vision – Healthy Kansans living in safe and sustainable environments.

**KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF WATER/PUBLIC WATER SUPPLY SECTION**

www.kdheks.gov

CONTACT	AREA OF RESPONSIBILITY	PHONE	EMAIL
ADMINISTRATION			
Mike Tate, P.E.	Director, Bureau of Water	785-296-5502	mtate@kdheks.gov
Vacant	Public Water Supply Section Chief	785-296-5503	
PERMIT AND ENGINEERING UNIT			
Dan Clair, P.E.	Unit Chief	785-296-5516	dclair@kdheks.gov
Paul Bodner, P.E.	Engineering Plan Review	785-368-8337	pbodner@kdheks.gov
William Carr	Kansas Public Water Supply Loan Fund	785-296-0735	bcarr@kdheks.gov
Rex Cox, P.E.	Engineering Plan Review	785-296-5539	rcox@kdheks.gov
DATA AND COMPLIANCE UNIT			
Darrel Plummer	Unit Chief	785-296-5523	dplummer@kdheks.gov
	Annual Compliance Report, Consumer Confidence Report, Ground Water 4-Log, Enforcement		
Patti Croy		785-296-3016	pcroy@kdheks.gov
Andrew Hare	Lead and Copper, Disinfection Byproducts	785-296-5946	ahare@kdheks.gov
Jonathan Haynes	Monitoring and Compliance Coordinator	785-296-0643	jhaynes@kdheks.gov
Jean Herrold	Bacteriological Monitoring, Ground Water Rule	785-296-5518	jherrold@kdheks.gov
Christianne Huard	Administrative Specialist, Public Water Supply contact changes	785-296-7111	chuard@kdheks.gov
	Inorganics, Volatile and Synthetic Compounds, Nitrate, Radionuclides, Surface		
Dianne Sands	Water Treatment Rule	785-368-8336	dsands@kdheks.gov
Ellan Spivey	Data Management and Public Water Supply Inventory	785-296-6434	espivey@kdheks.gov
CAPACITY DEVELOPMENT			
Cathy Tucker-Vogel	Program Manager	785-368-7130	ctuckerv@kdheks.gov
SUPPORT STAFF			
Linda White	Administrative Specialist	785-296-5514	lwhite@kdheks.gov
Karrie Ullery	Administrative Assistant	785-296-6340	kullery@kdheks.gov